

TELEFUNKEN SERVICE

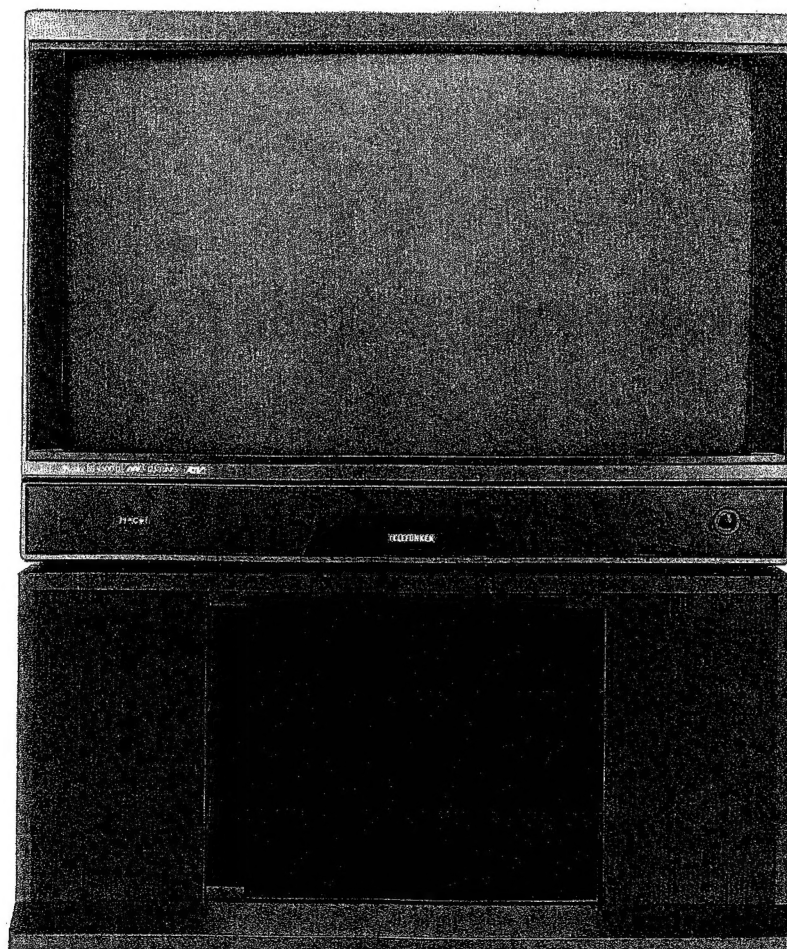
FERNSEHEN
TELEVISION
TÉLÉVISION

Chassis 620 (High Scan)

Bestell-Nr. 319 137 144

Stromlaufpläne

HIGH SCAN

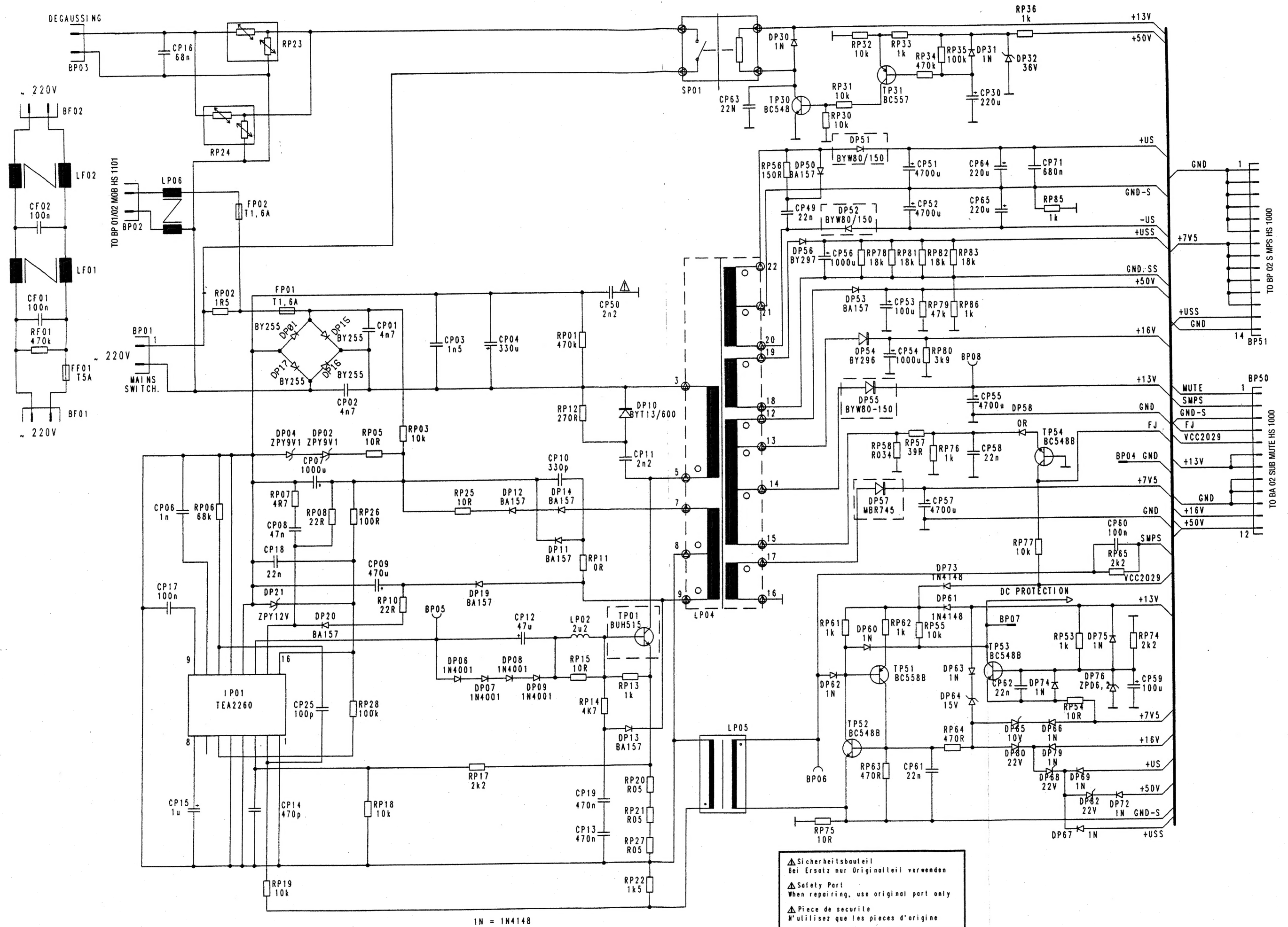


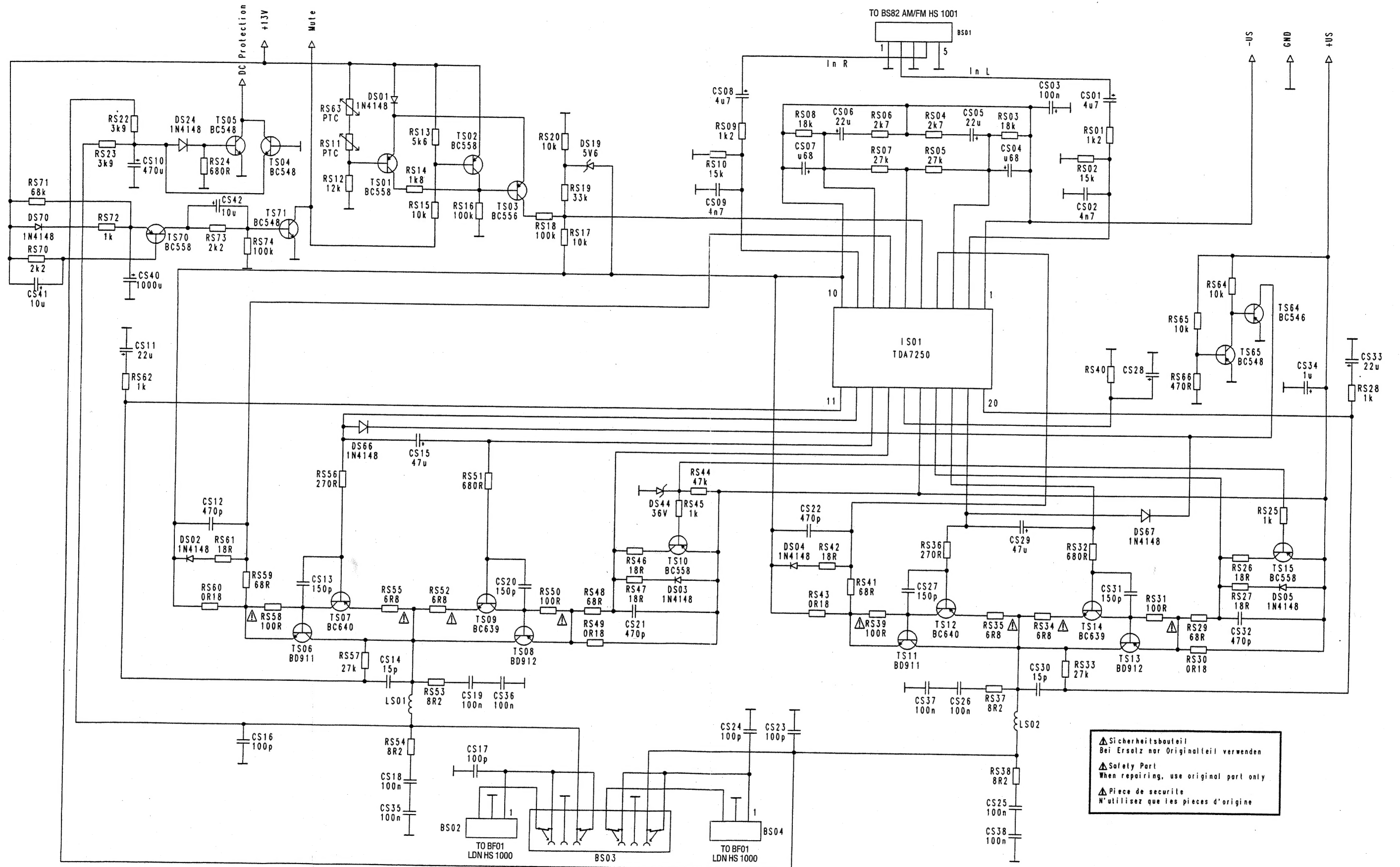
INHALTSVERZEICHNIS

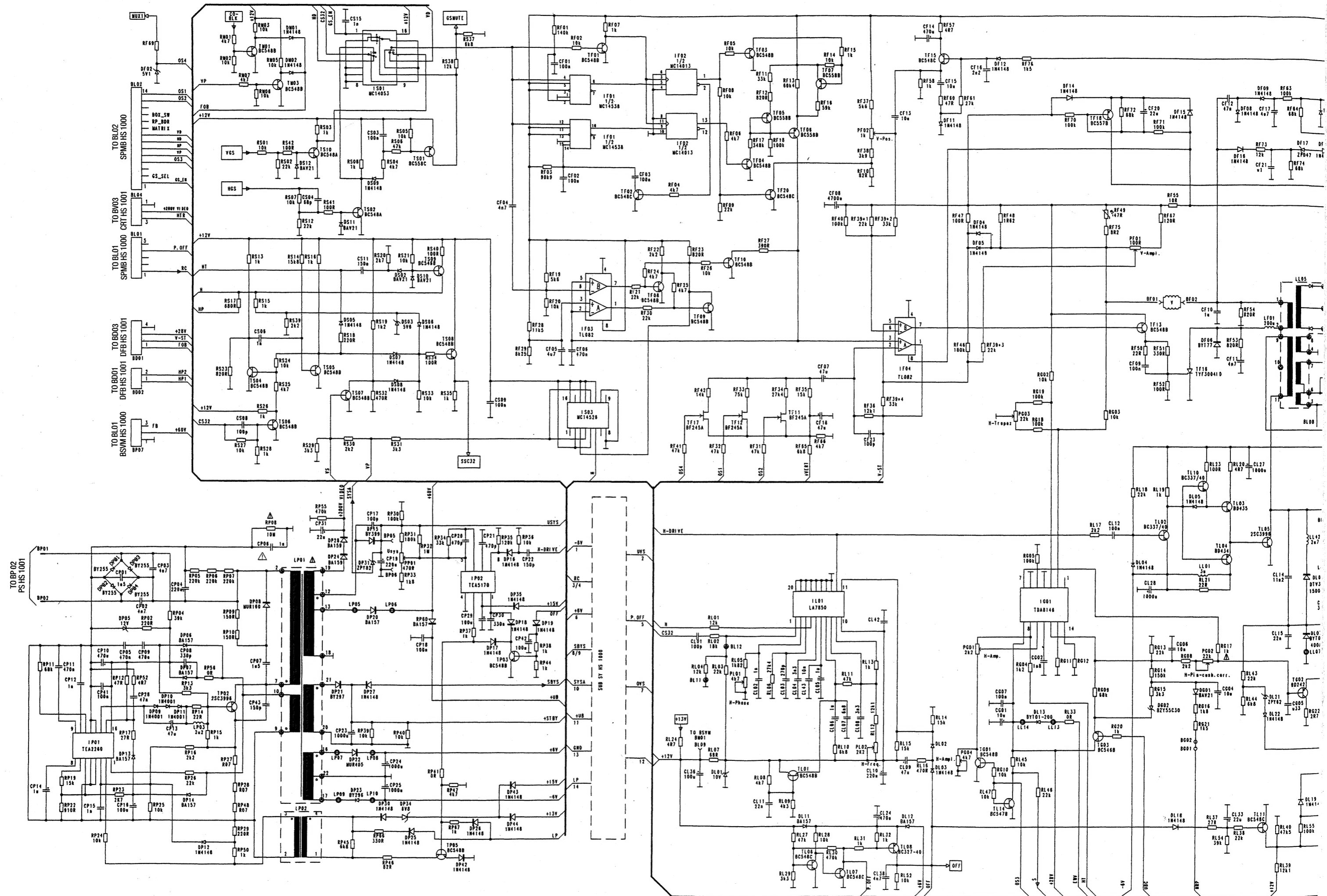
PS HS 1001 (1/2) – Netzteil 15 kHz	3–4
PS HS 1001 (2/2) – Ton-Endstufe	5–6
MOB HS 1101 (1/2) – Netzteil 32 kHz, Ablenkung	7–9
MOB HS 1101 (2/2) – Daten-Prozessor 32 kHz	10–11
DFB HS 1000 – Dynamik-Fokus-Baustein	12
SPMB HS 1000 – Signal-Grundplatte	13–16
FEB HS 1001 – Zeilenfrequenzverdopplungs-Baustein	17–20
CHV HS 1401 – Chroma-Video-Baustein	21–22
CVT HS 1001 – Steuerungs- und Videotext-Baustein	23–24
SCI 6013 – Scart-Interface	25–28
D2M DEC 6000 – D2MAC-Decoder	29–32
PIP TV 6000 – Bild-im-Bild-Baustein	33–34
MTP MM 2015 – VHF/UHF-Tuner	35–36
IF 2156 – Bild-ZF-Verstärker	35–36
IDU SAT 5801 – Satelliten-Tuner	37–38
IF SAT 5801 – Satelliten-ZF-Verstärker	39–40
AM - FM HS 1001 – Ton-Baustein	41–42
SUB FM HS 1500 – Sub-Modul Ton 4,5/6/6,5 MHz	43
KB HS 1002 – Bedienteil	43
FCB HS 1002 – Anschlußplatte vorn	44
SUB MUTE HS 1000 – Stummschaltung	44
LDN HS 1000 – Frequenzweiche	44
CRT HS 1000 – Bildröhrenplatte mit RGB-Endstufe	45–46
BSVM HS 1000 – Strahlstrom-Modulator	46–47
RIR 4008 M – Infrarot-Vorverstärker	46
FB 330 – Fernbedienung	47
Steckerpläne	48–50

LEGENDE

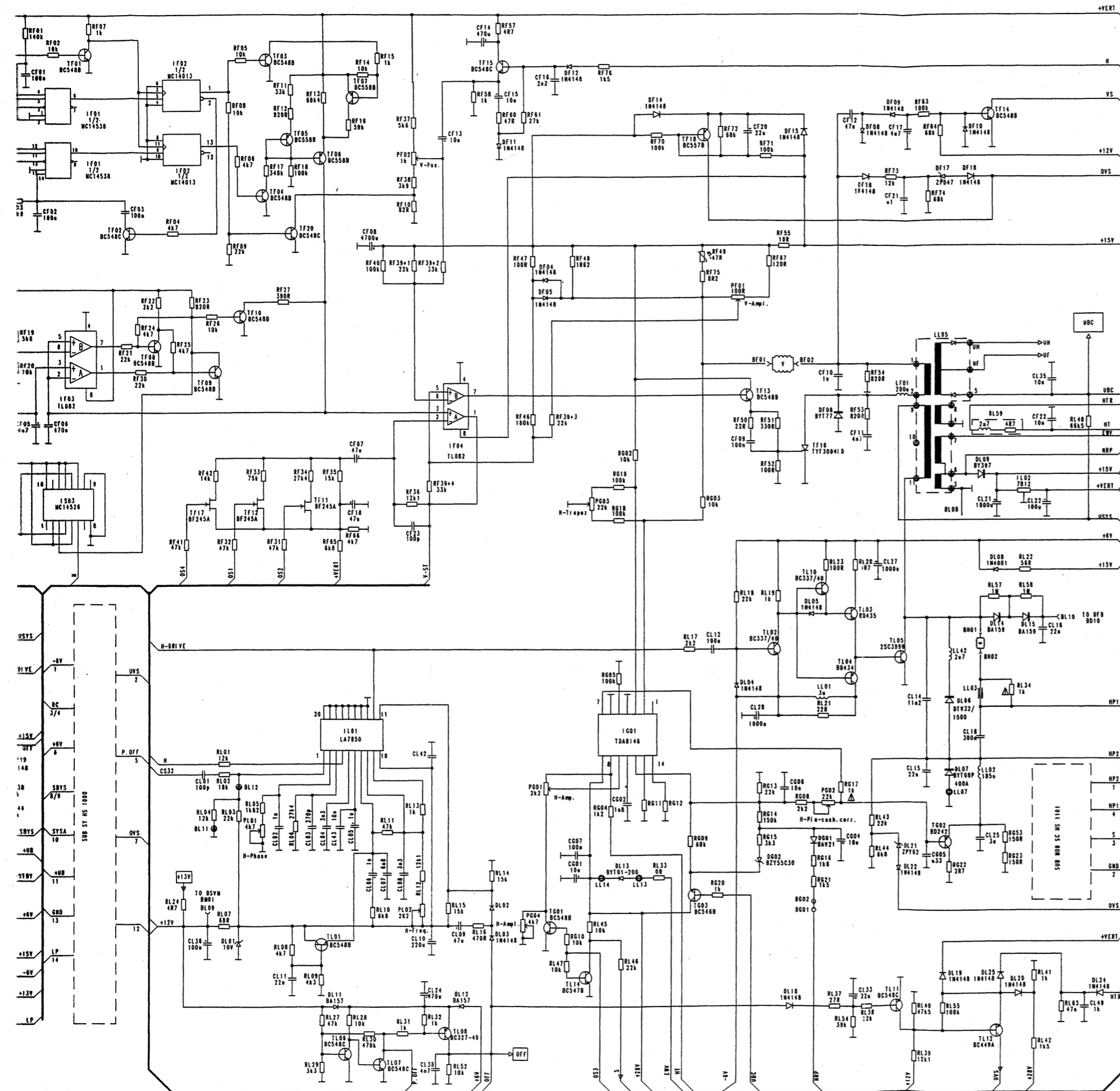
BSVM: Beam Speed Velocity Modulator
 CHV : Chroma Video Baustein
 CRT : Bildrohrplatte
 CVT : Control und Text Board
 DFB : Dynamic Focus Board
 FEB : Feature Board
 MOB : Monitor Board
 PSB : Power Supply Board
 SCI : Scart Interface
 SPMB: Signal Processing Main Board





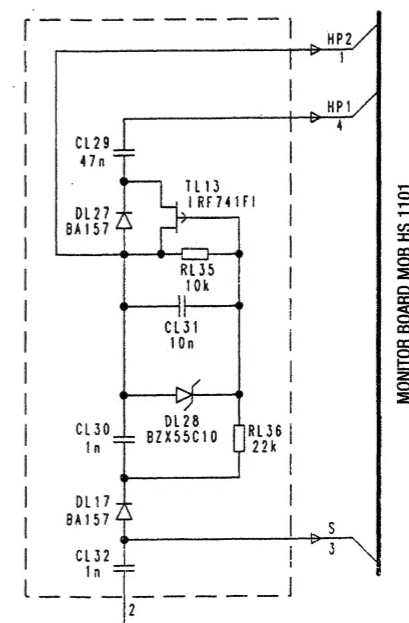


SUB SY HS 1000

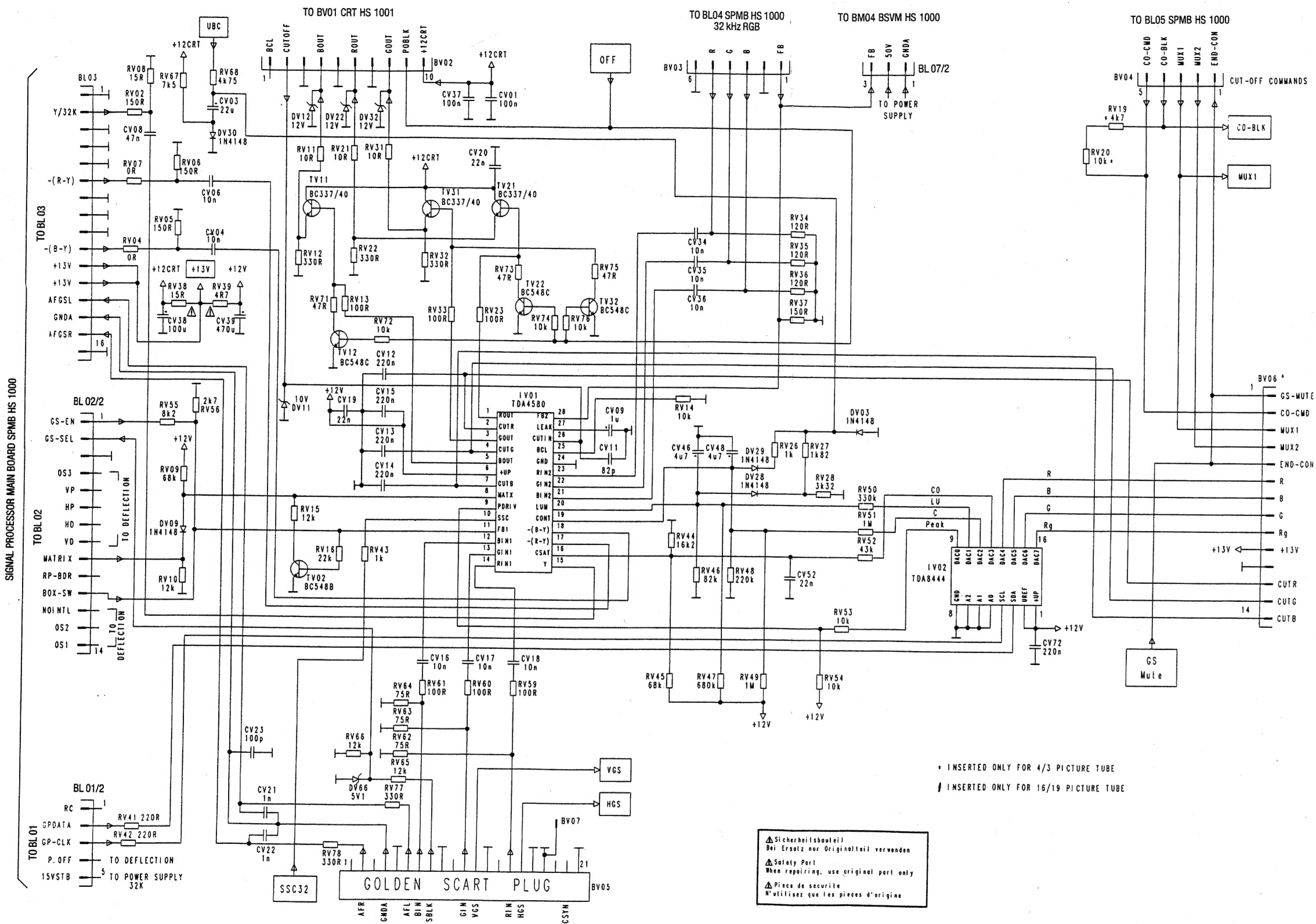


MONITOR BOARD MOB HS 1101

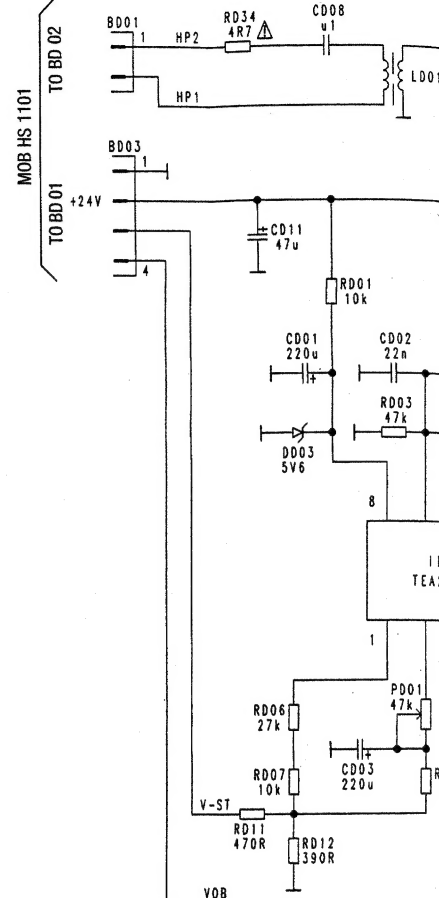
SUB MOB SC HS 1101



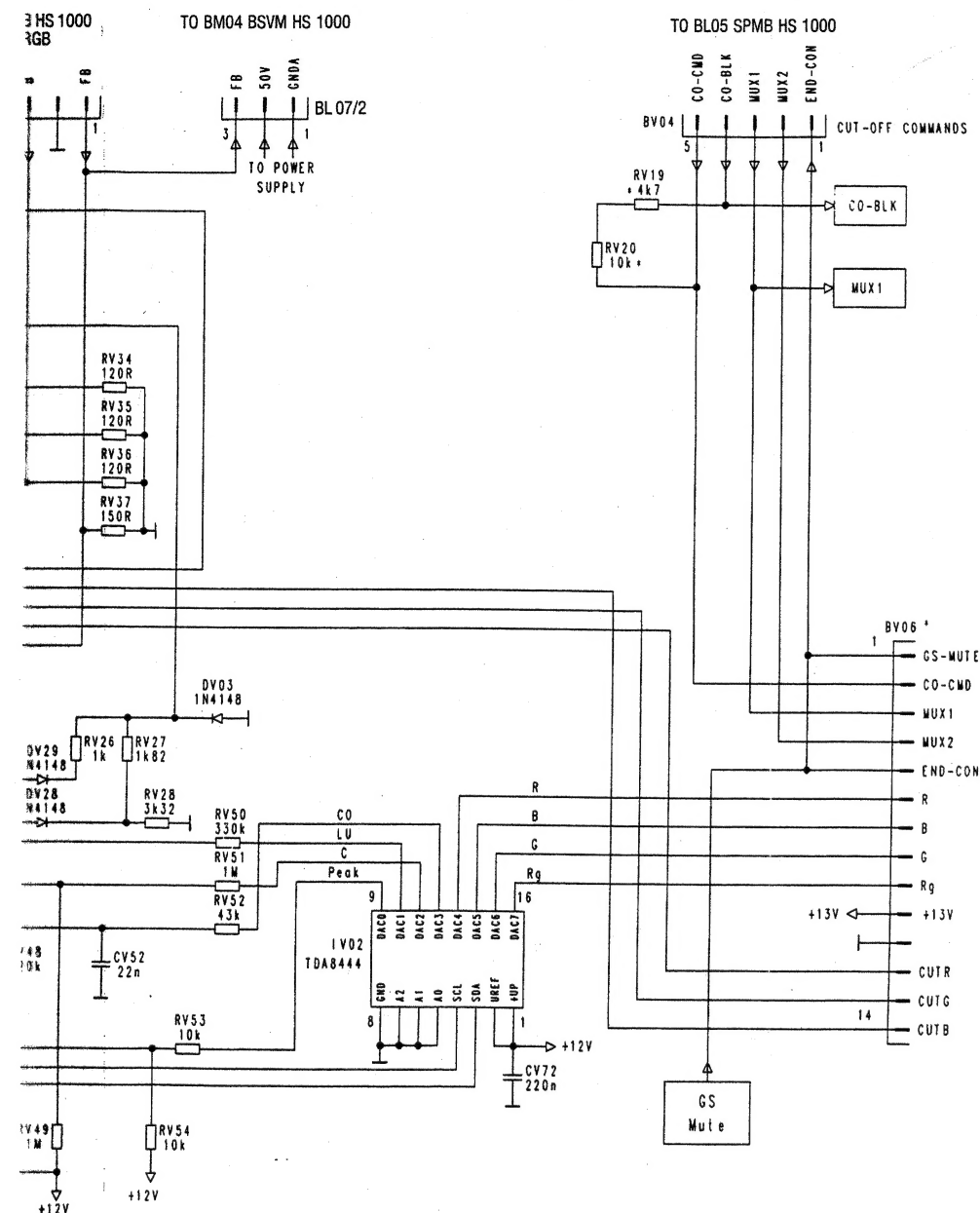
MONITOR BOARD MOB HS 1101



* INSERTED ONLY FOR 4/3 PICTURE TUBE
/ INSERTED ONLY FOR 16/19 PICTURE TUBE

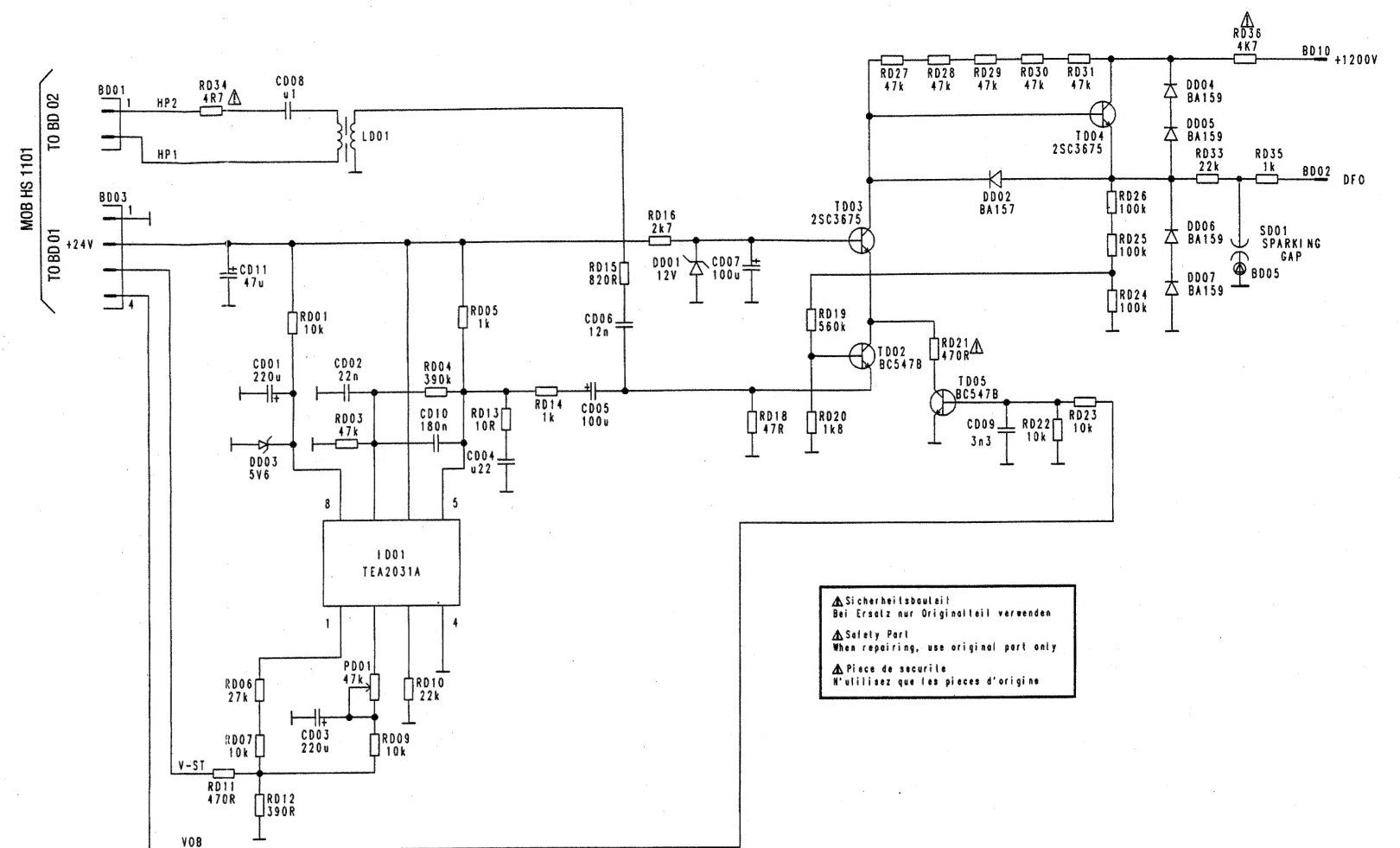


DFB HS 1000

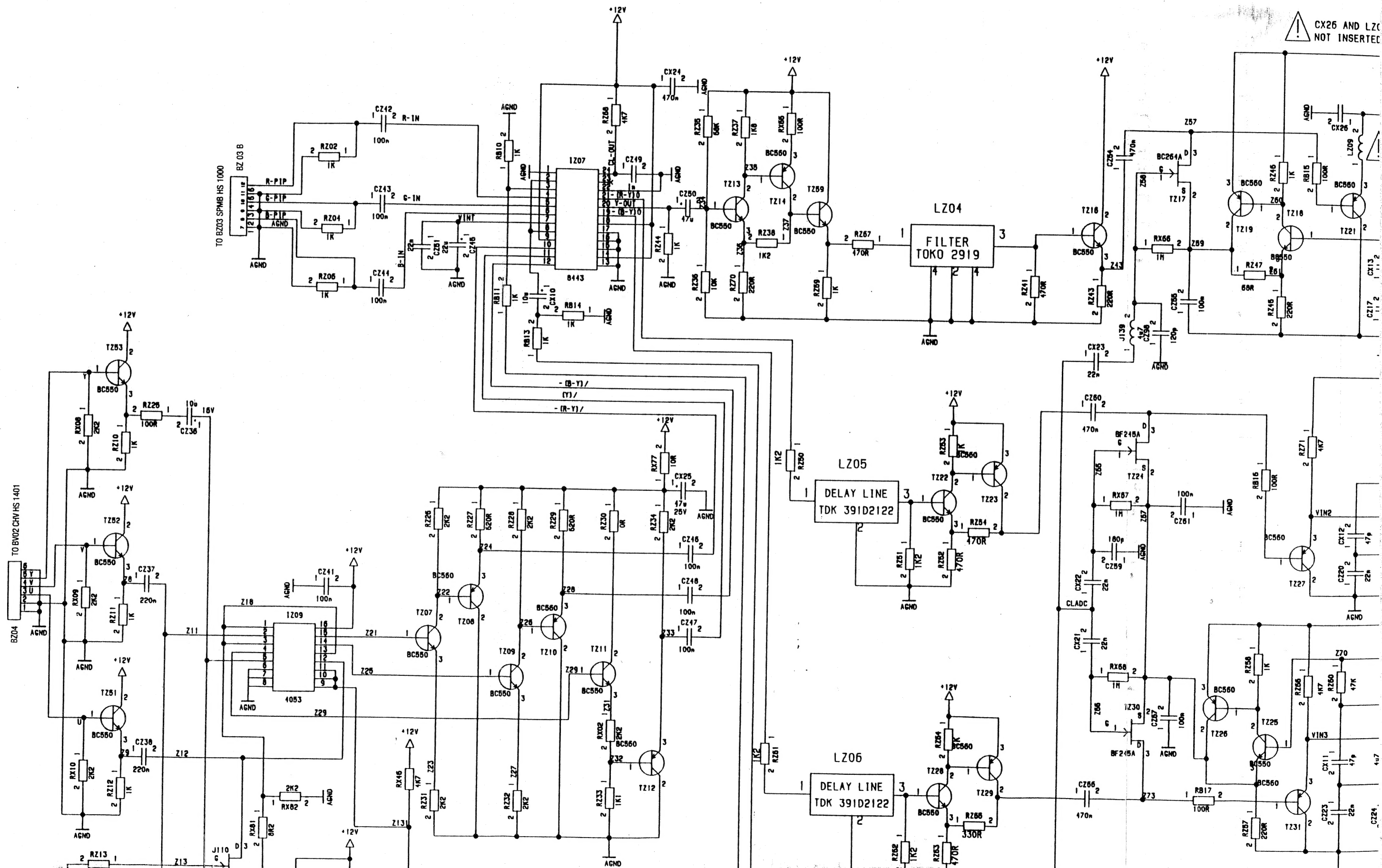


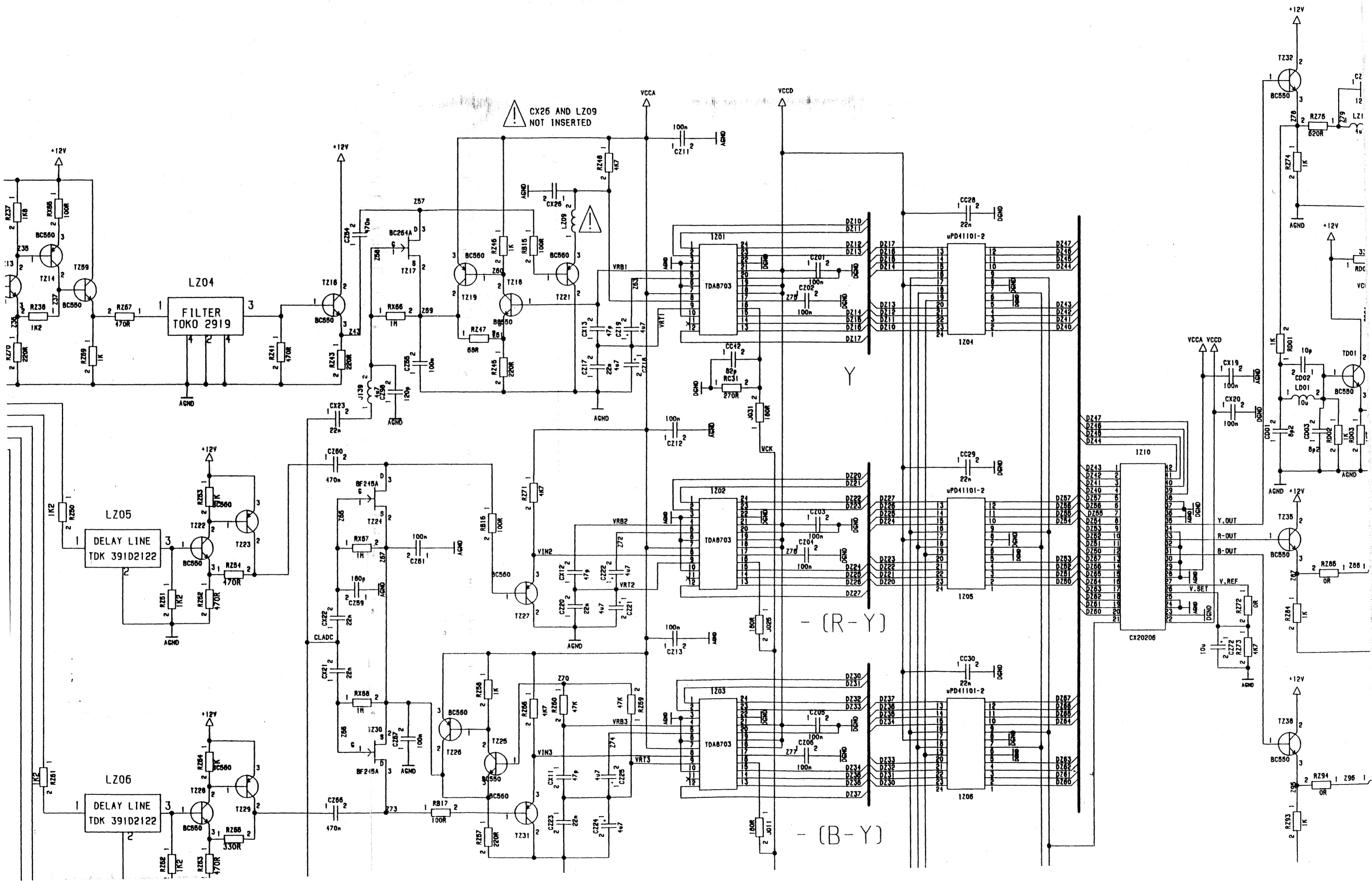
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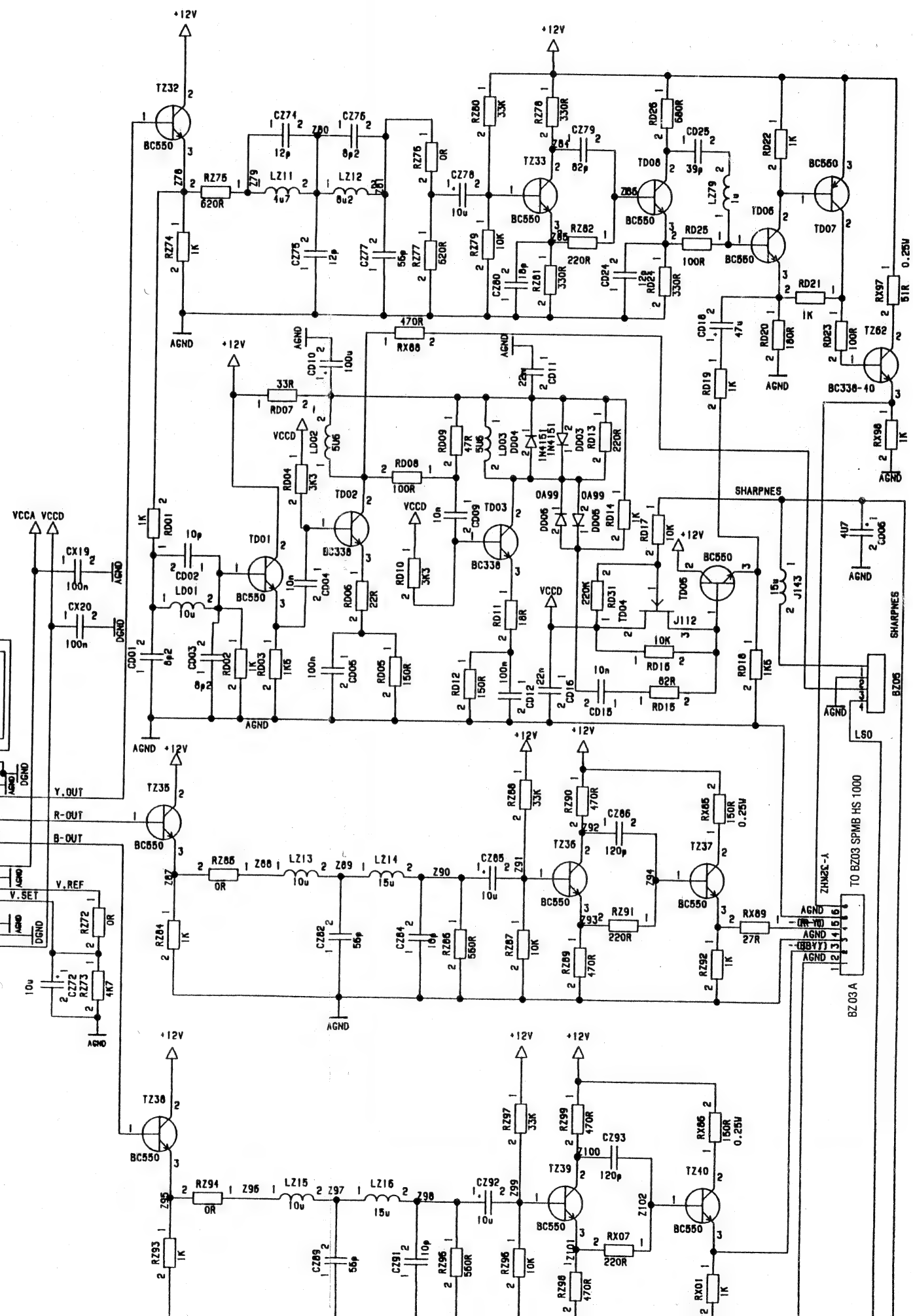
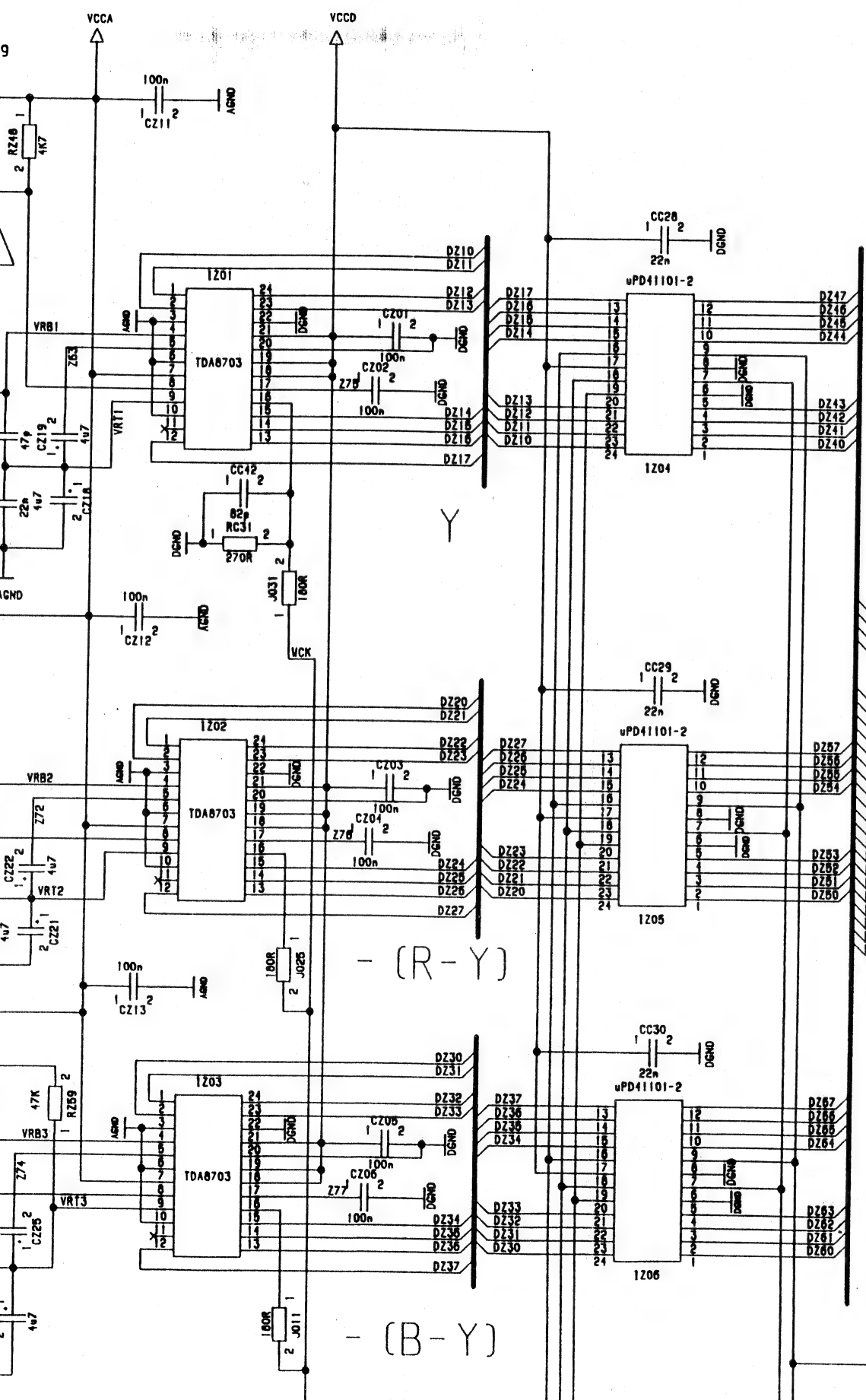
⚠ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
⚠ Safety Part
When repairing, use original part only
⚠ Piece de securite
N'utilisez que les pieces d'origine

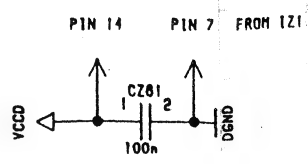
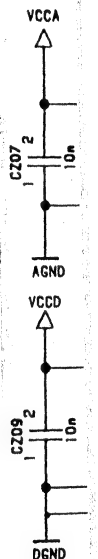


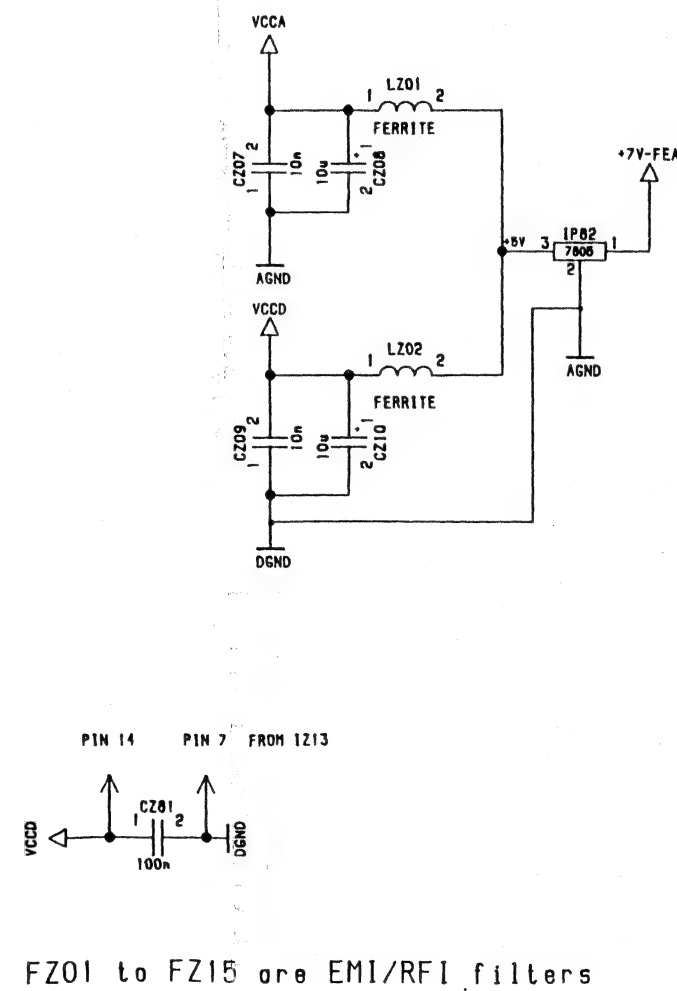
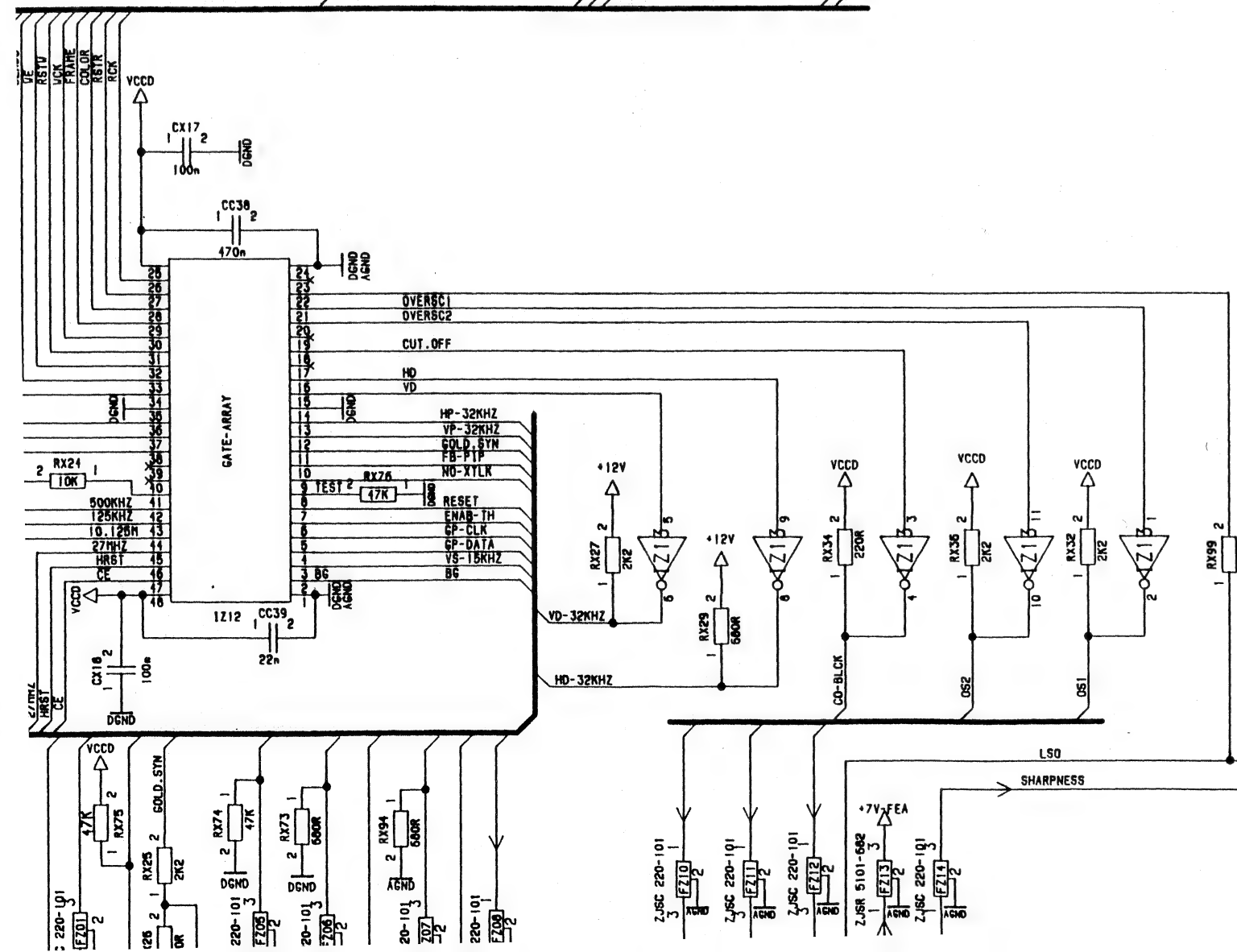
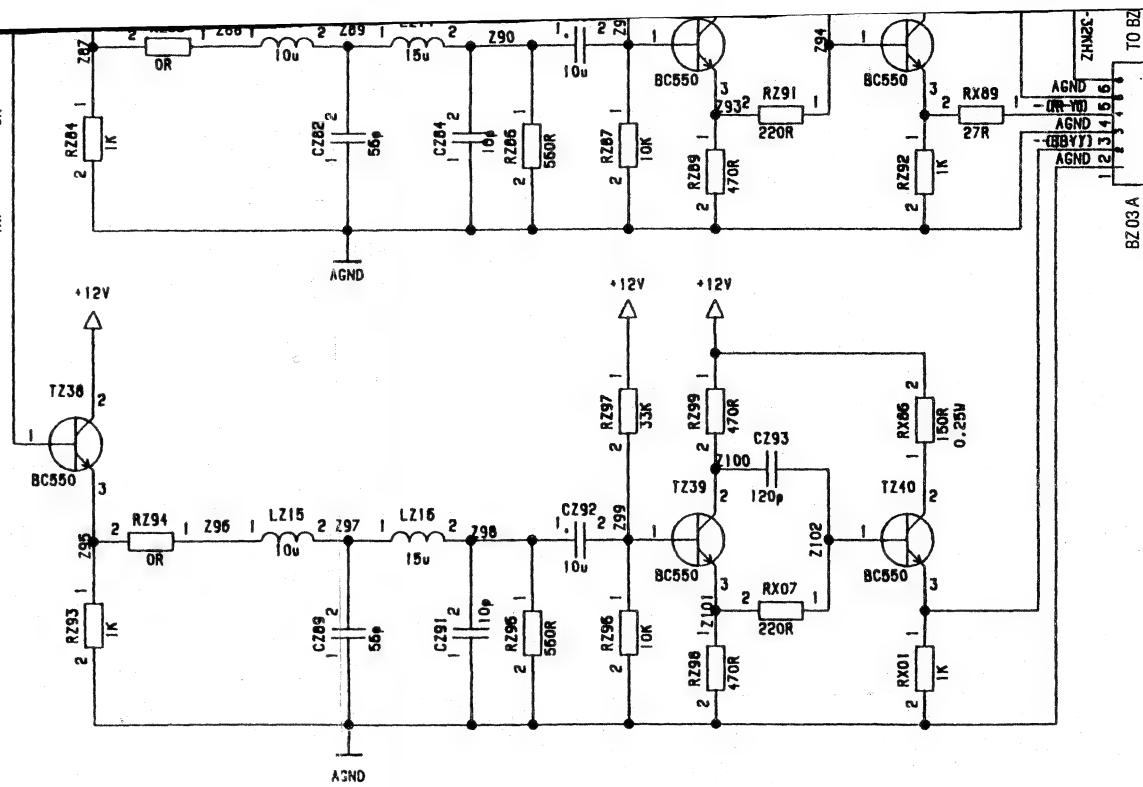
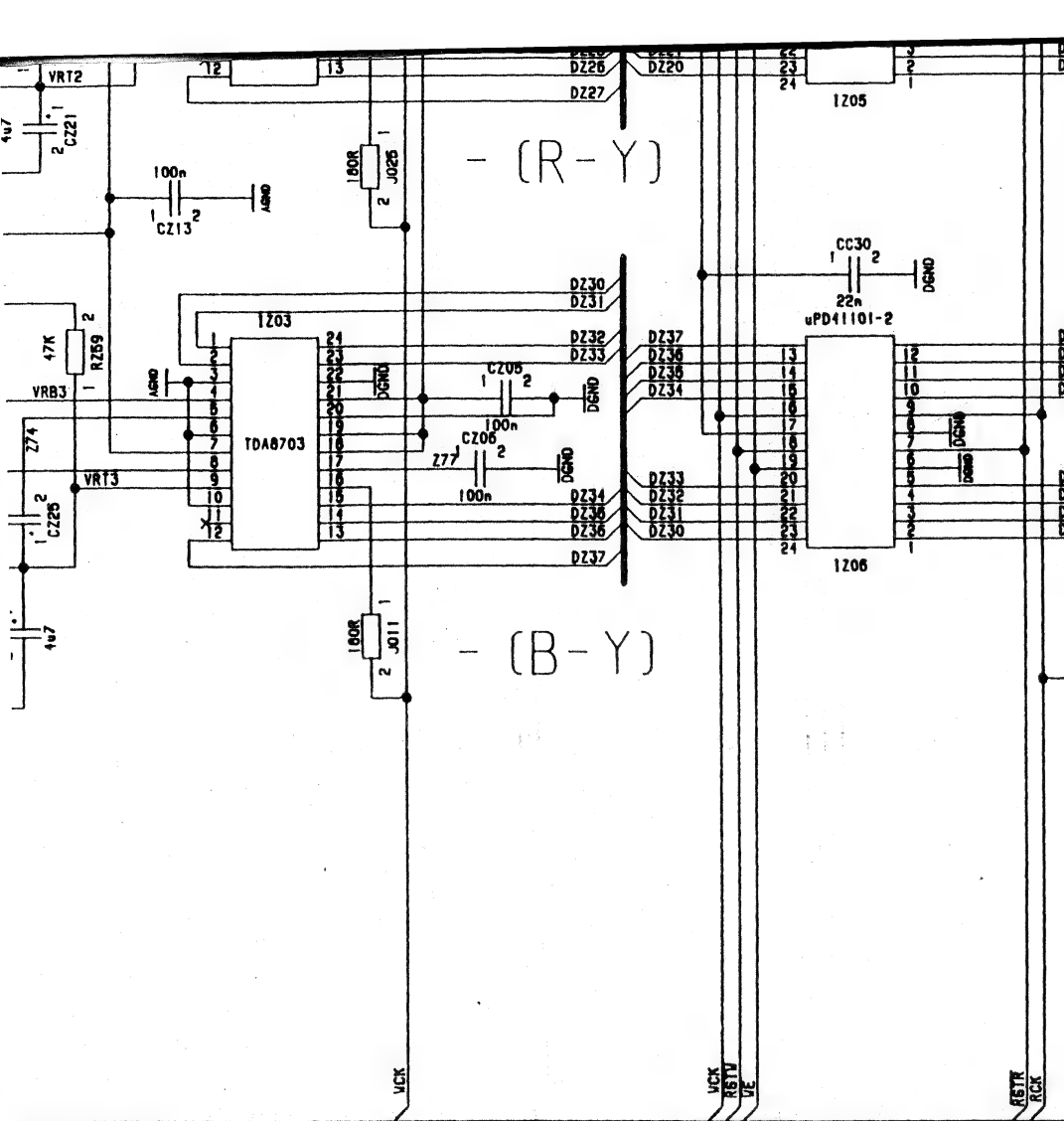
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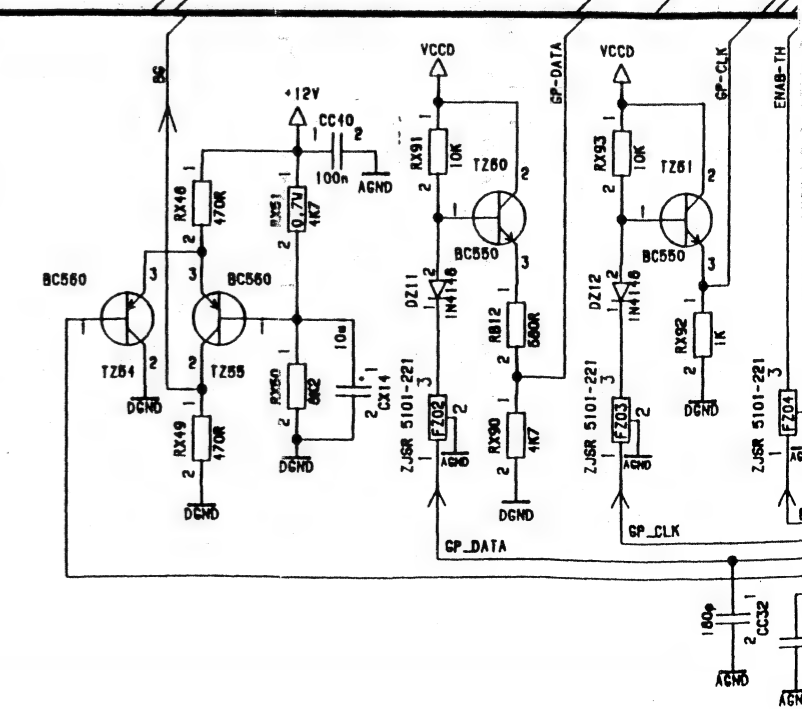
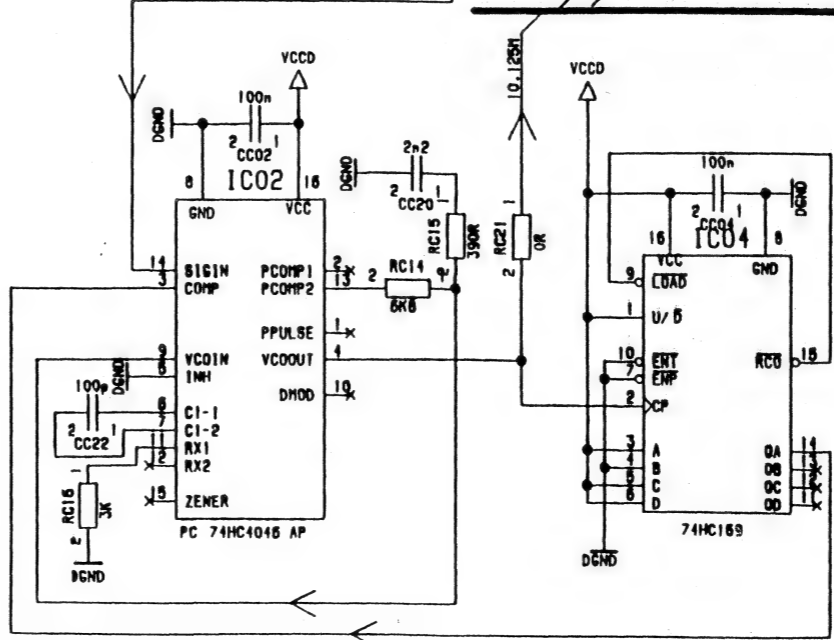
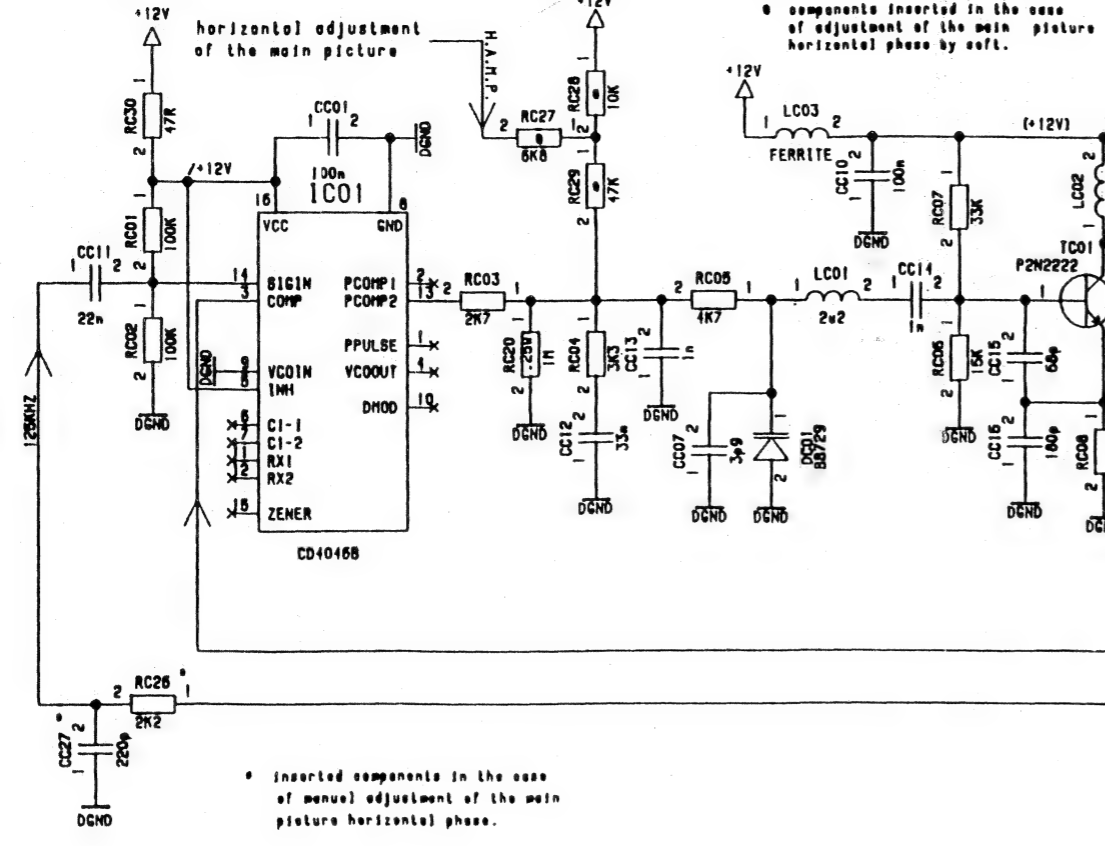
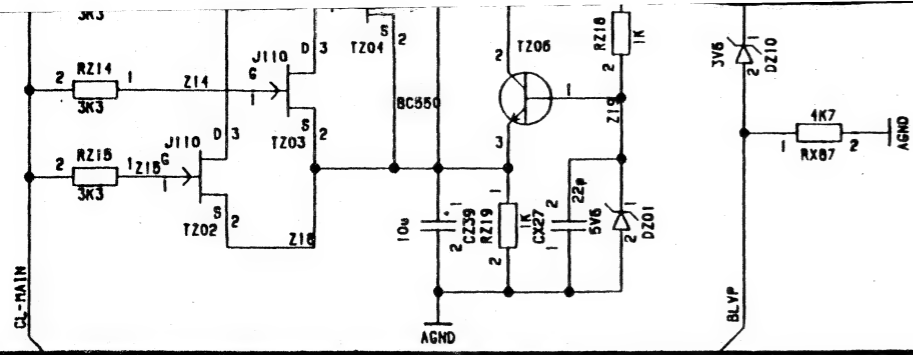


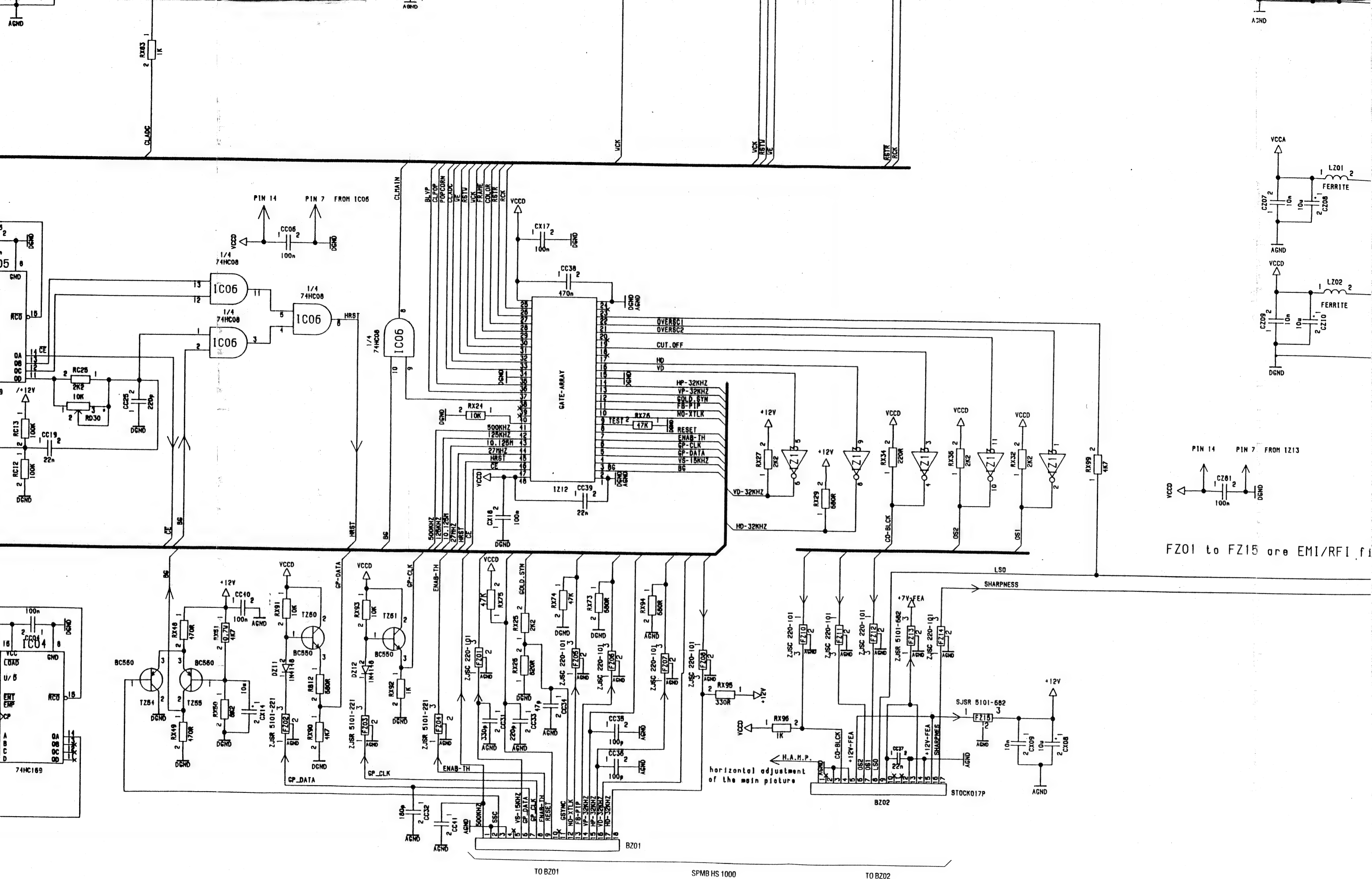


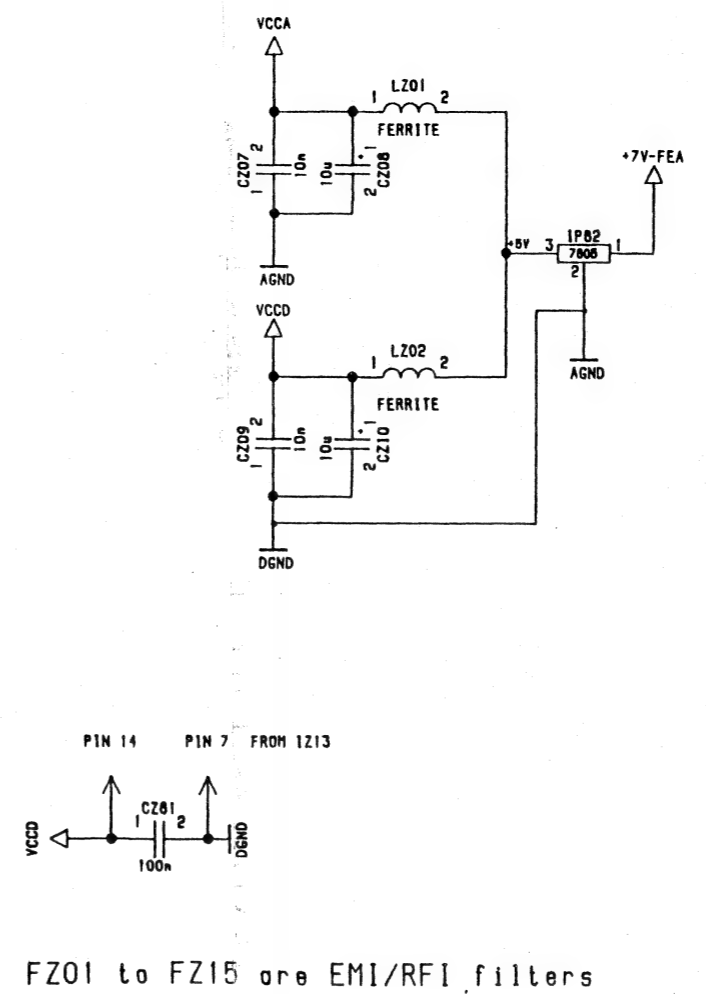


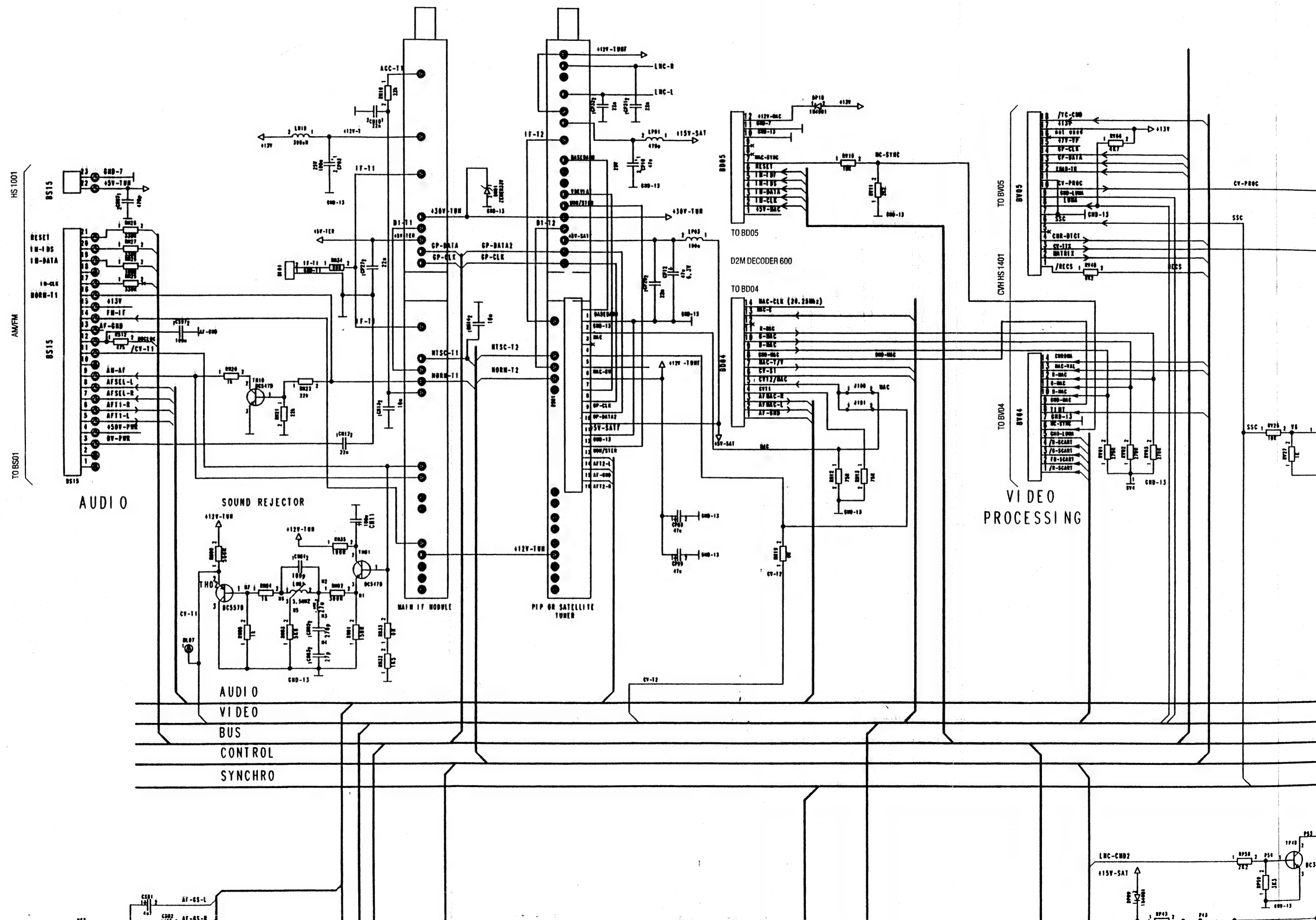


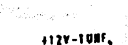
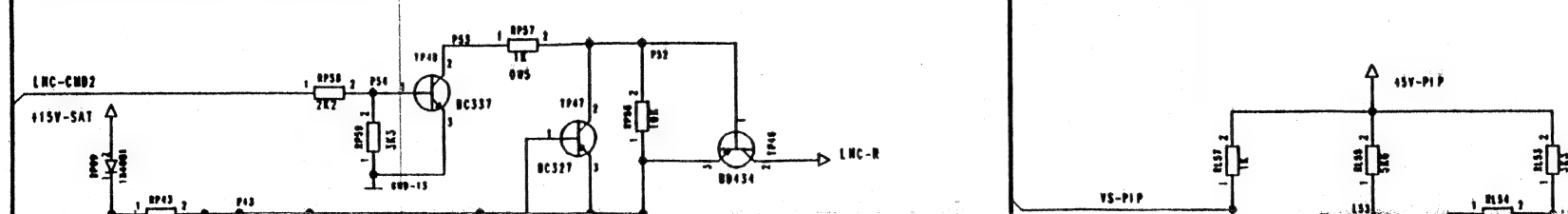
FZ01 to FZ15 are EMI/RFI filters

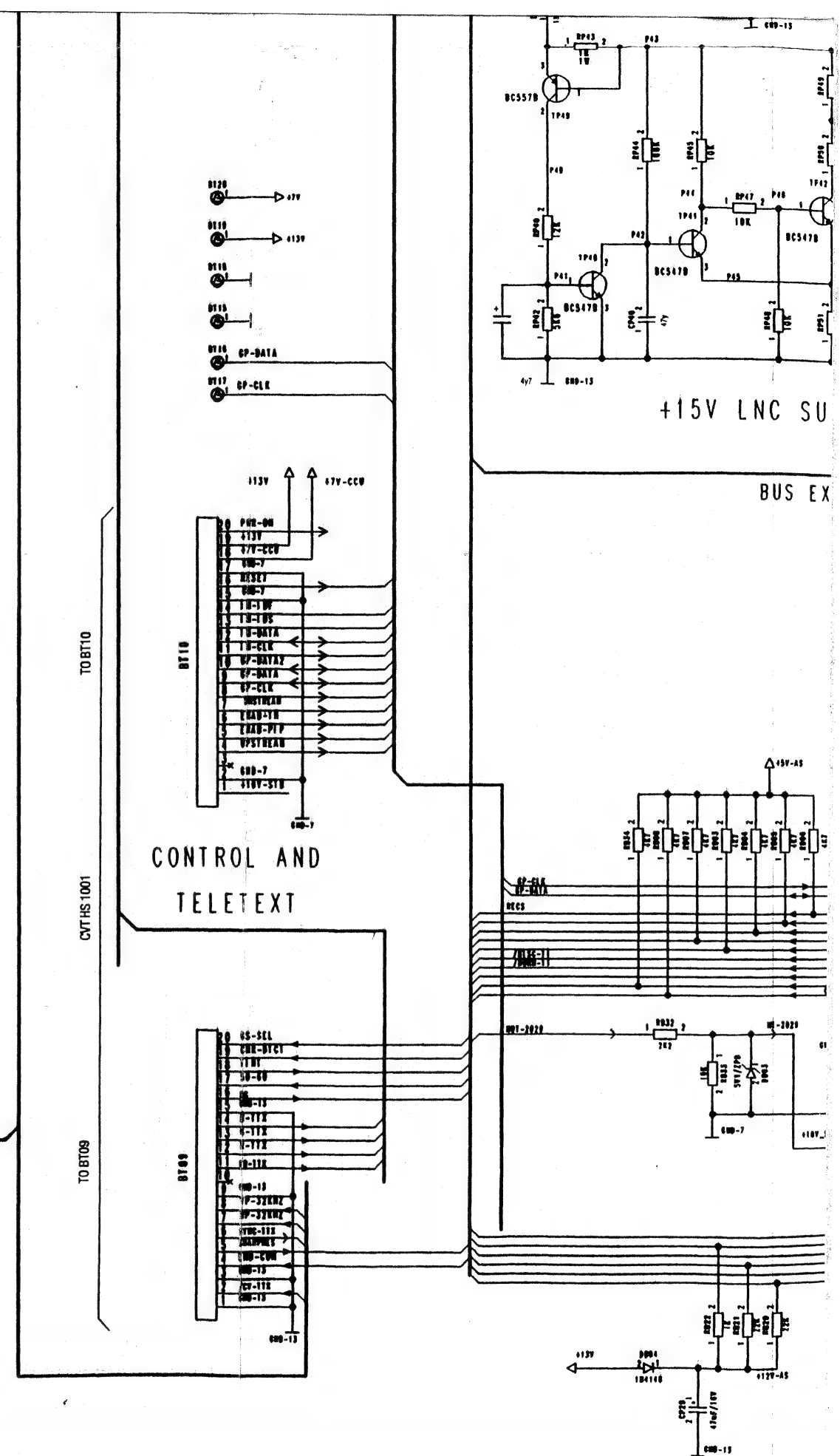
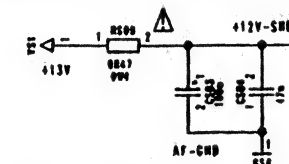




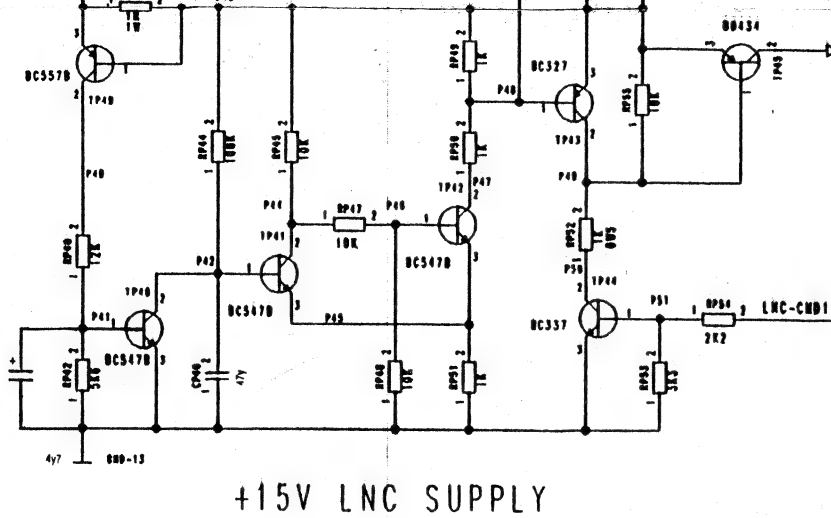




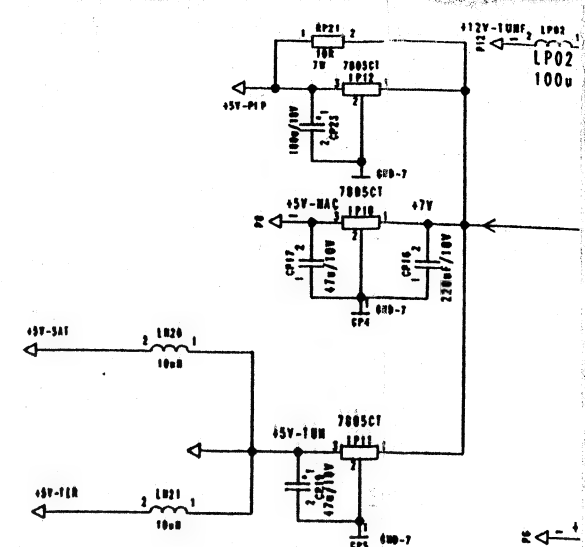




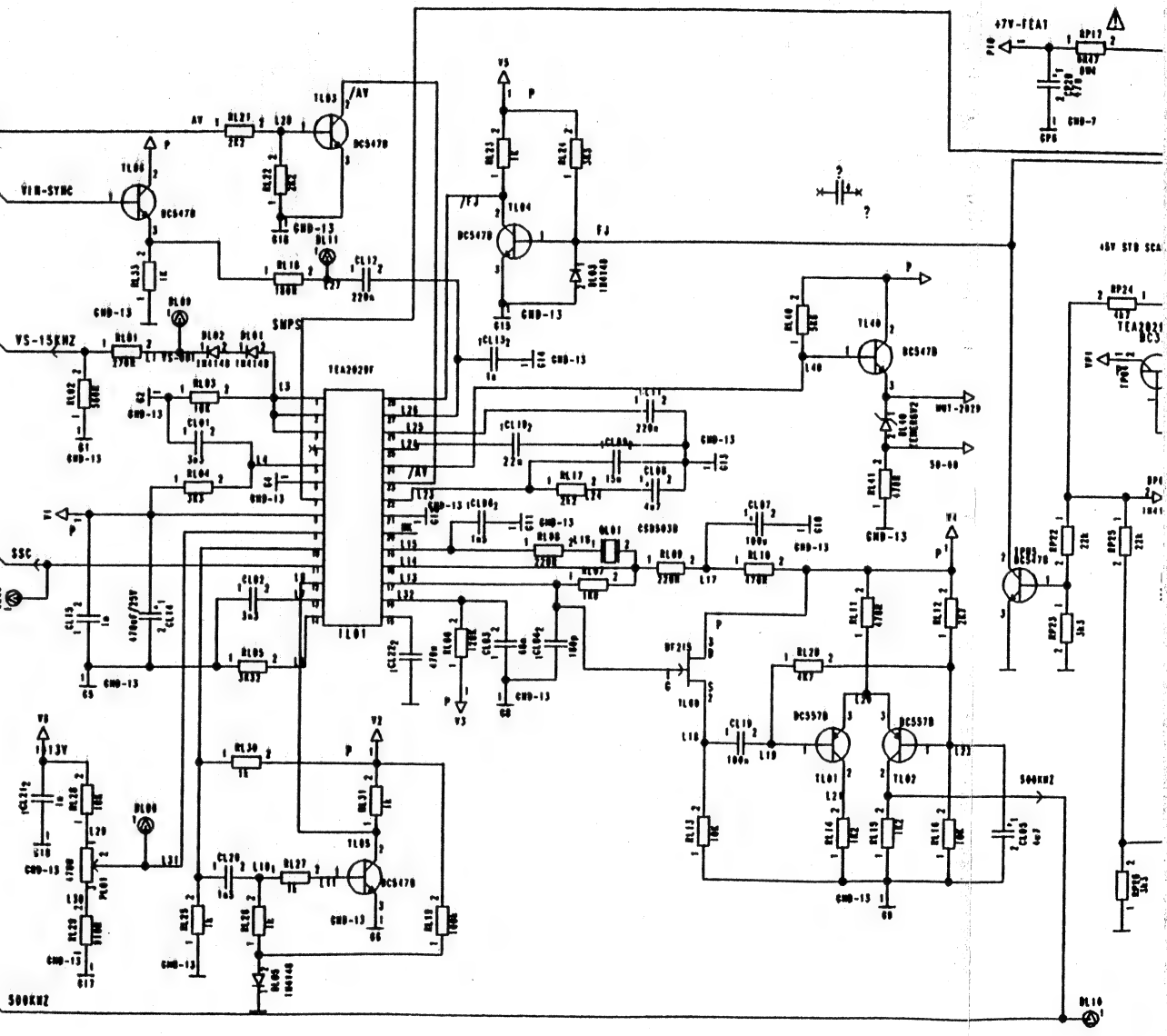
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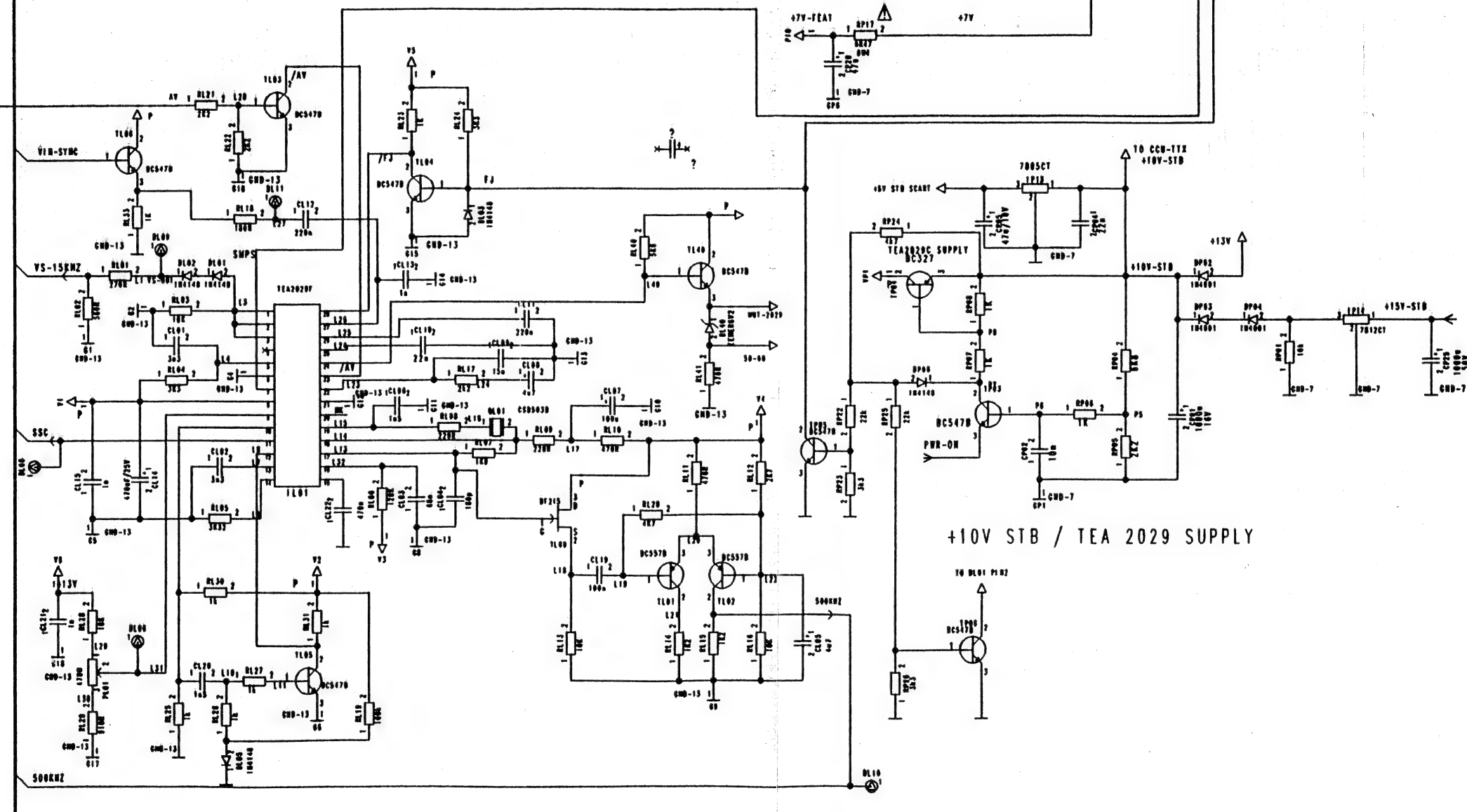
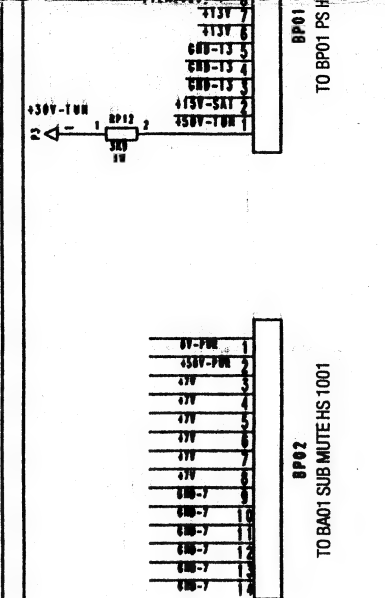
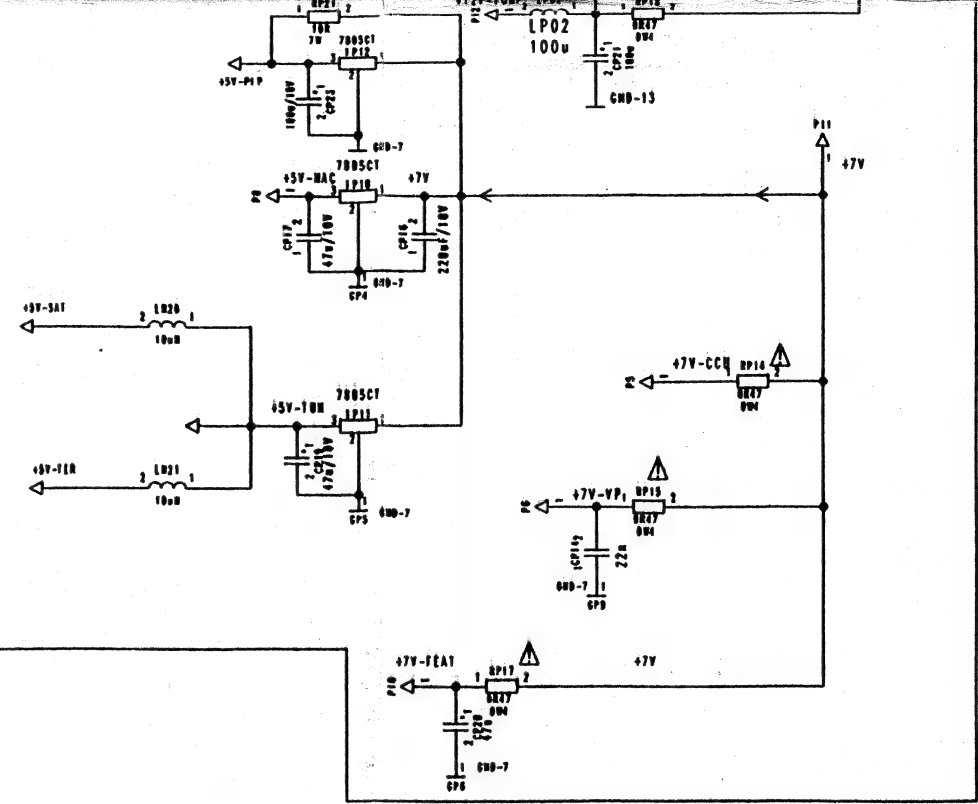
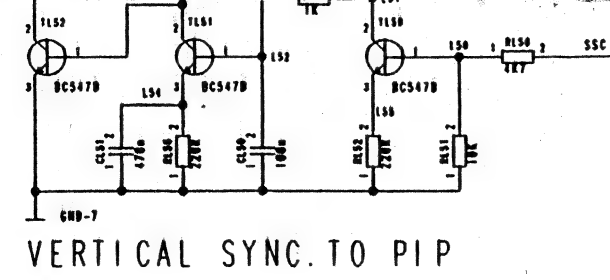
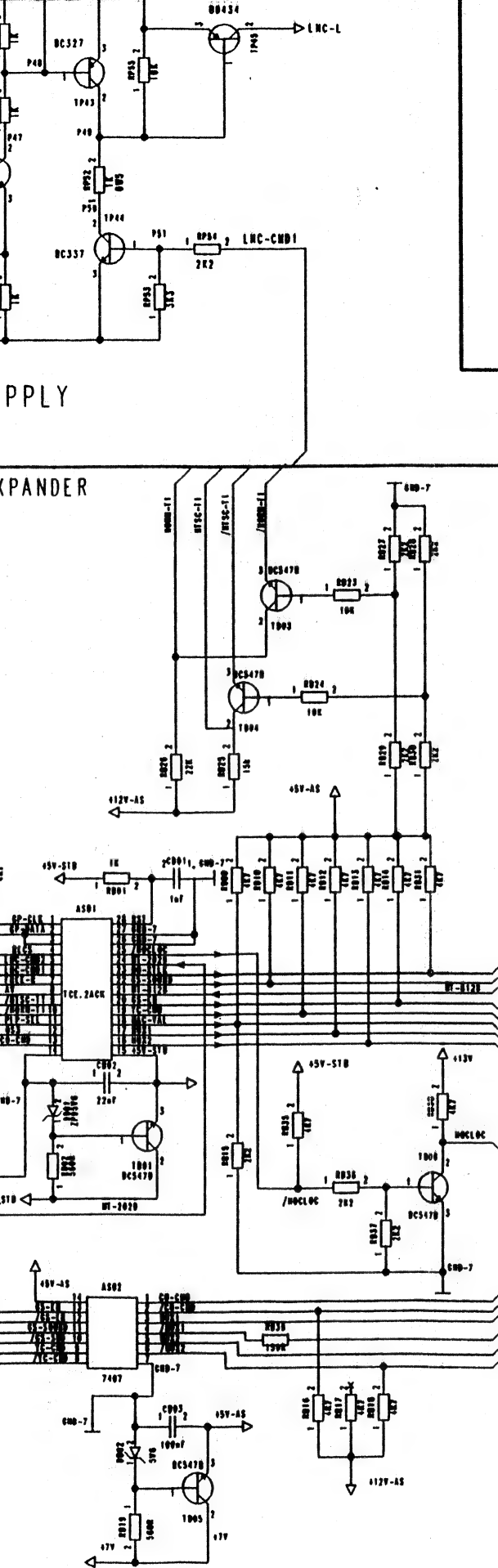
VERTICAL SYNC. TO PIP

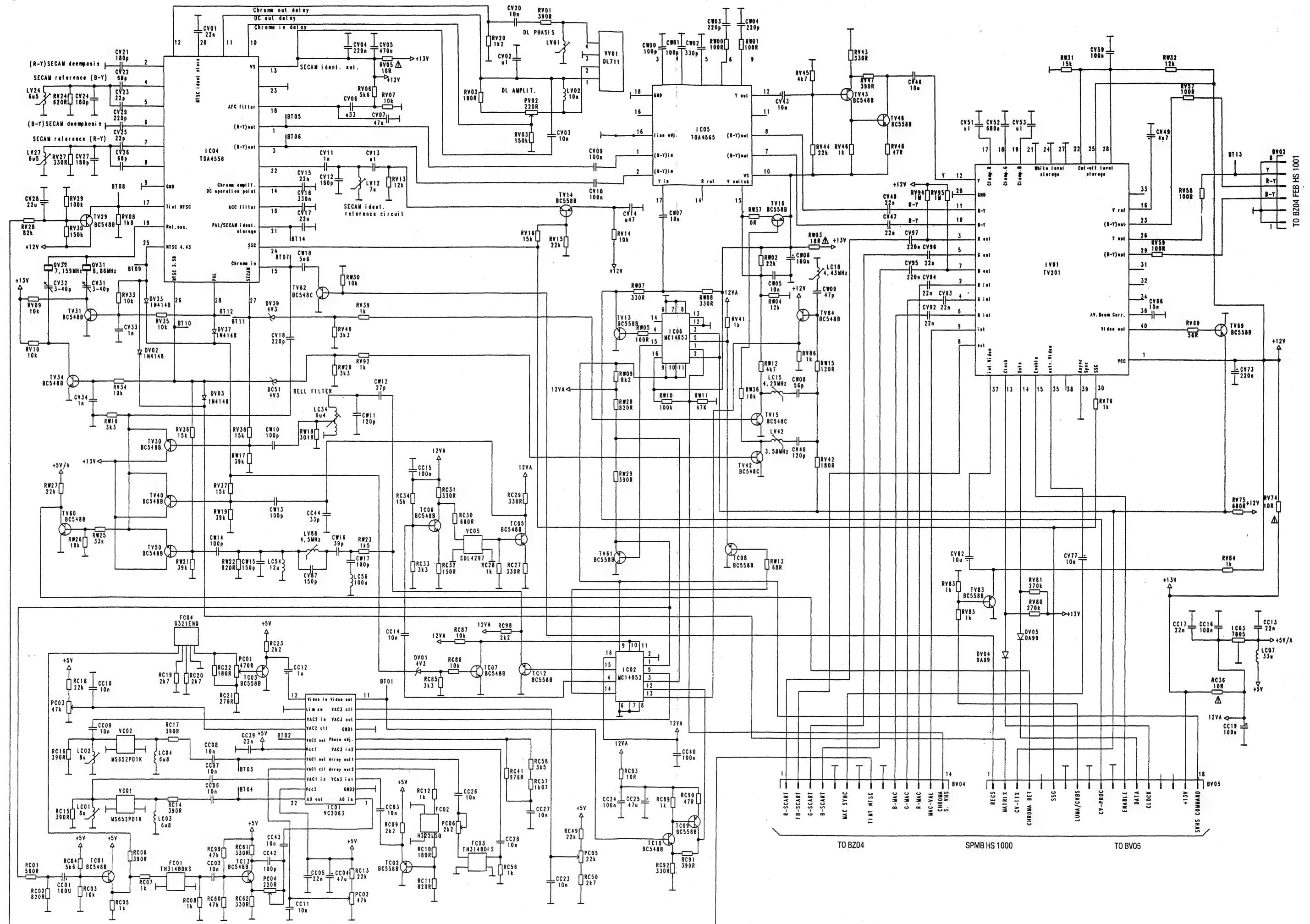


BUS EXPANDER

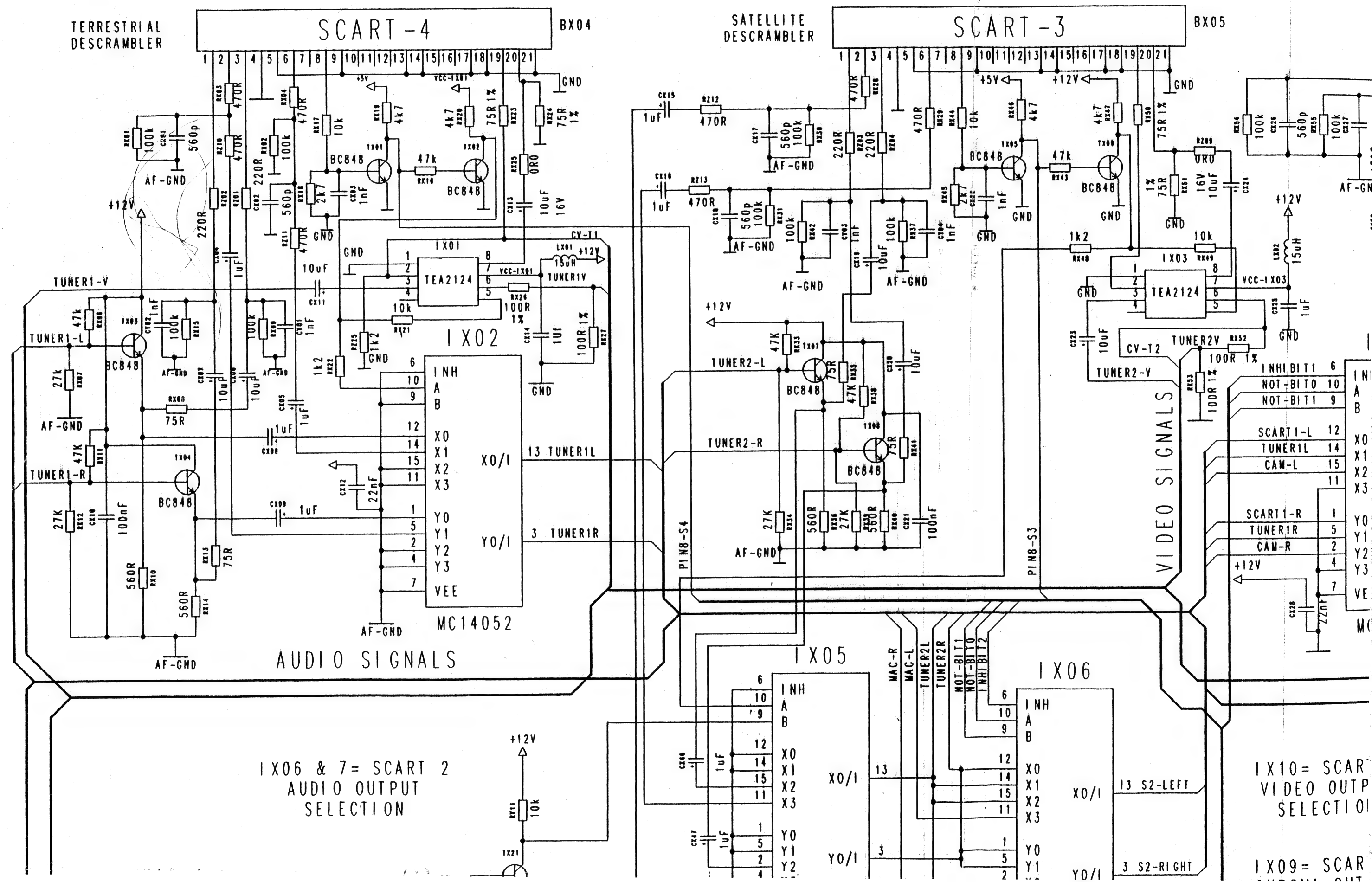


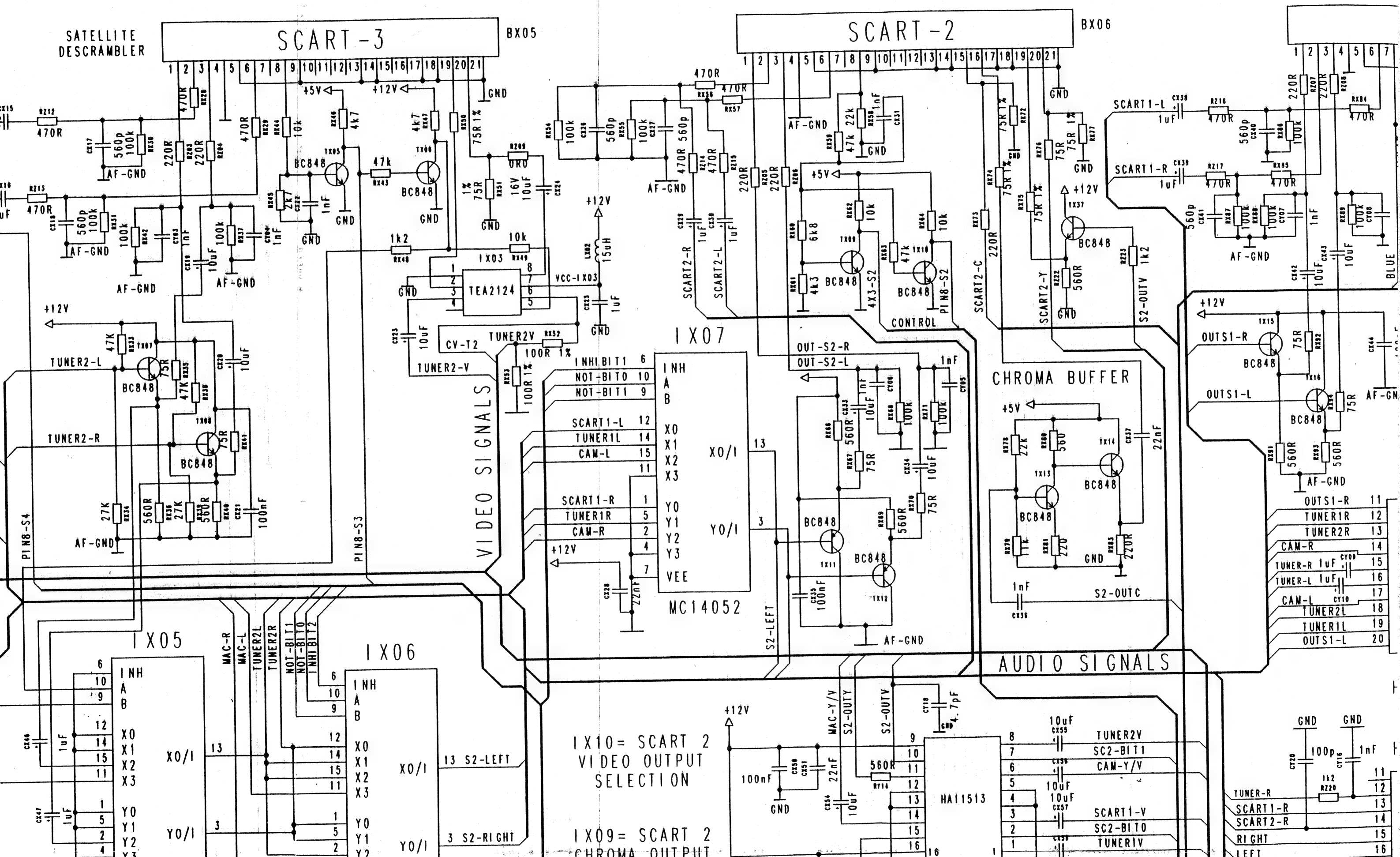
CONTROL AND
TELETEXT

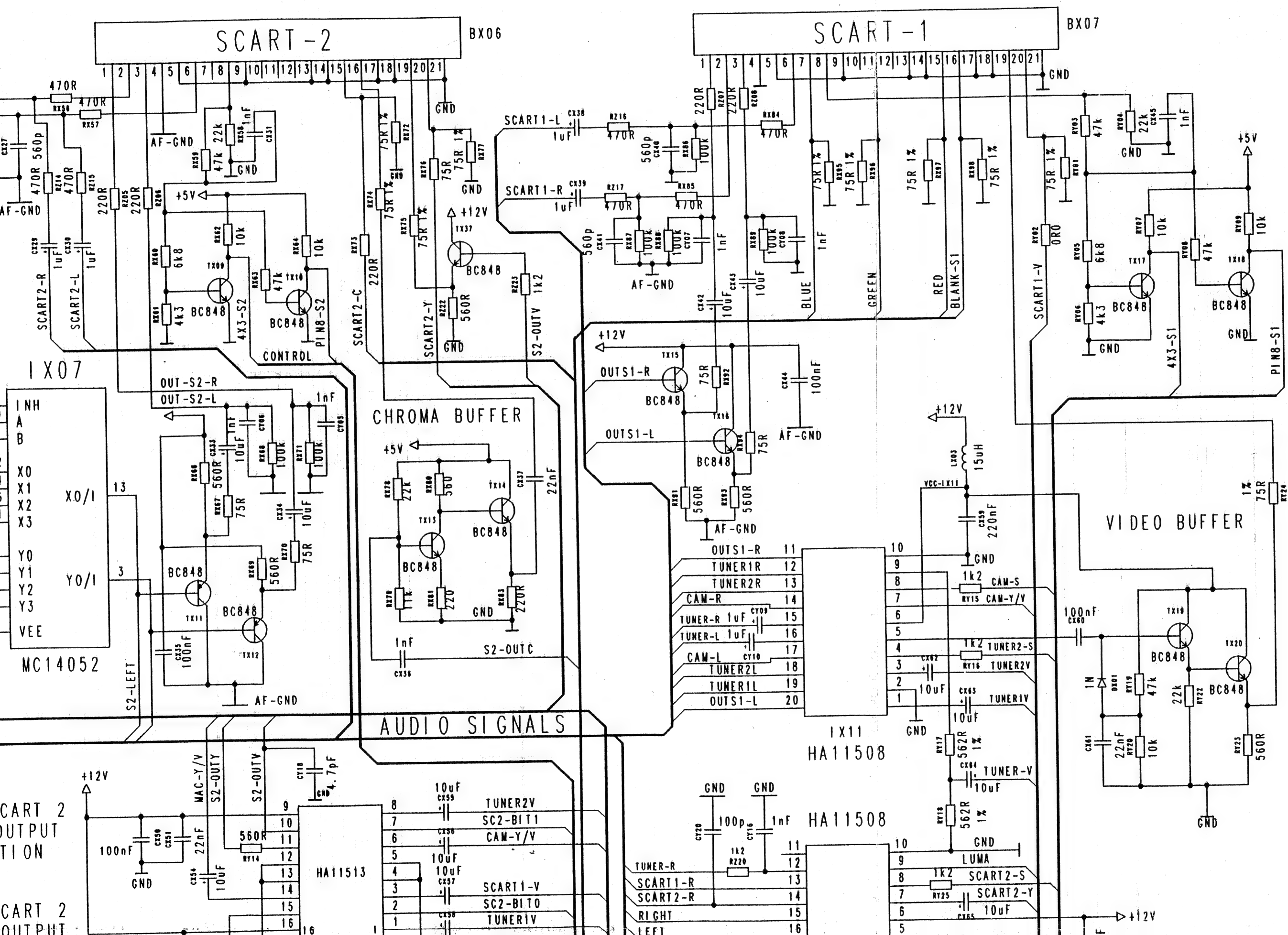


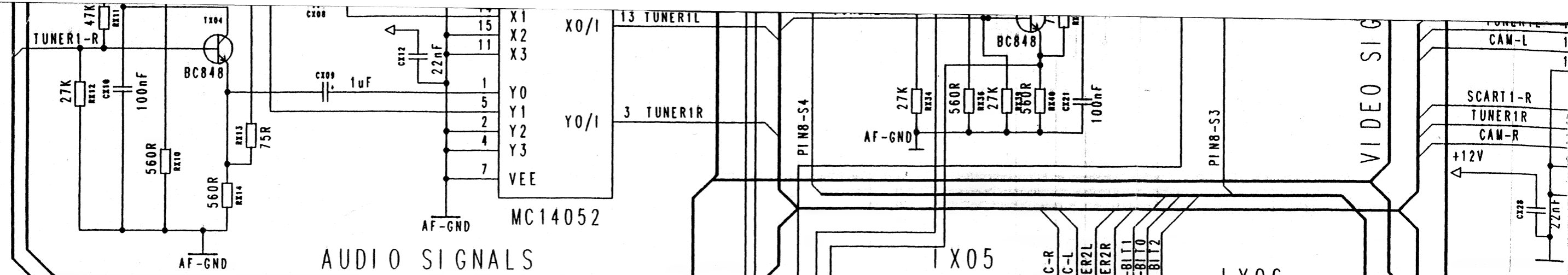




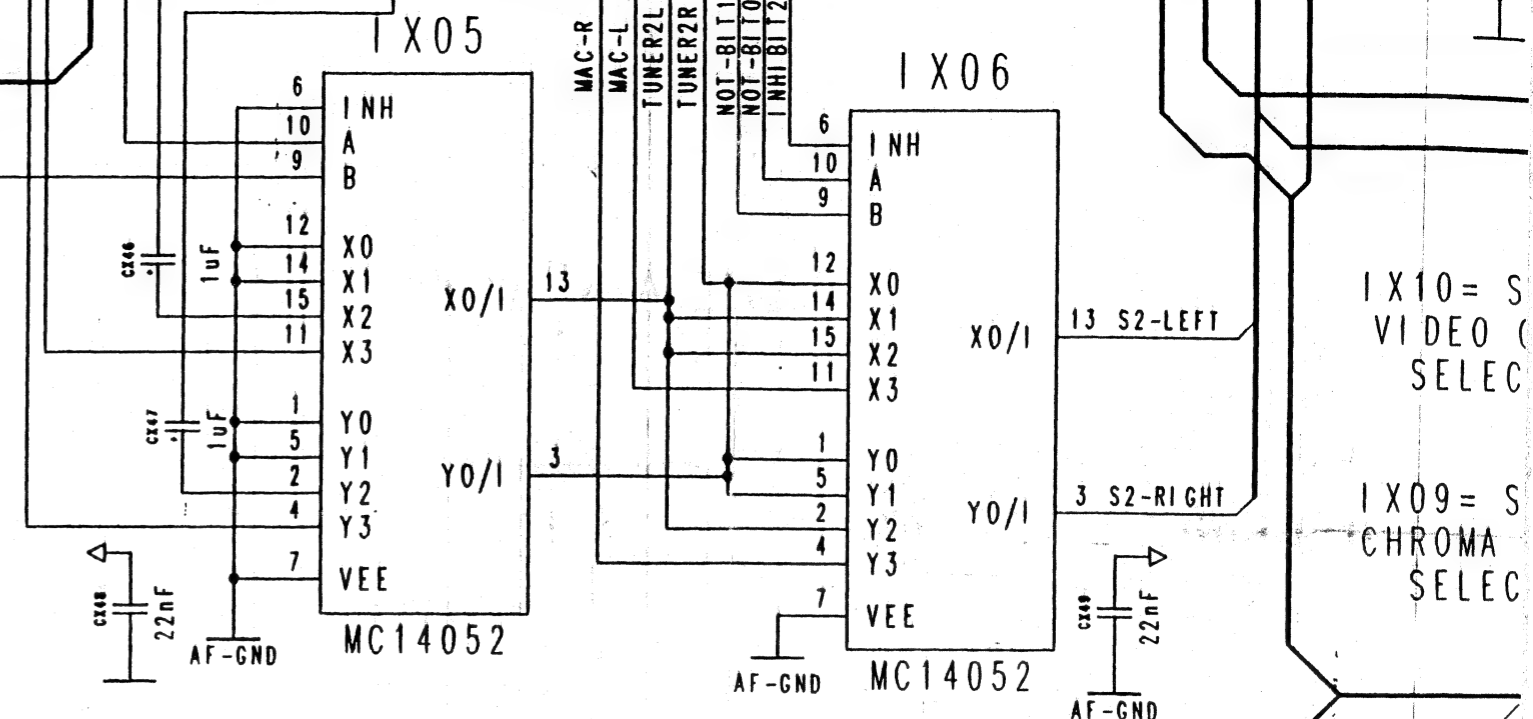




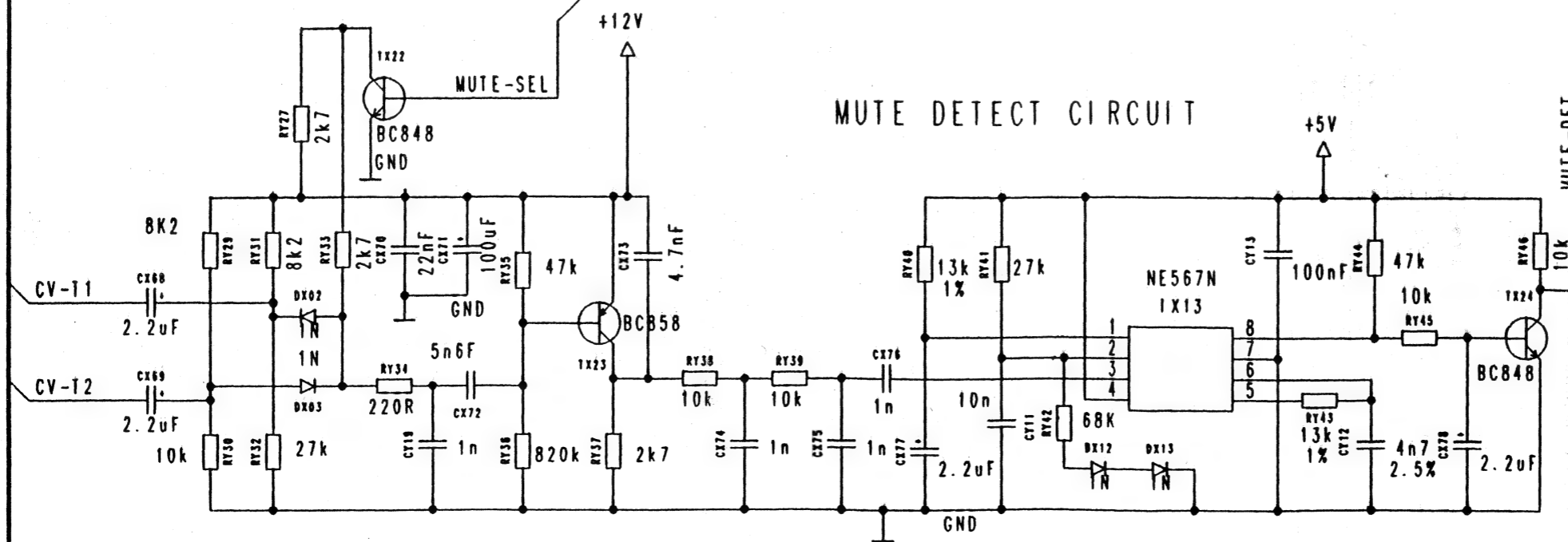




1X06 & 7 = SCART 2
AUDIO OUTPUT
SELECTION

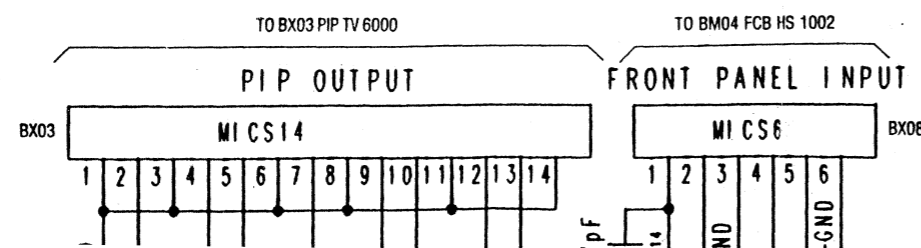


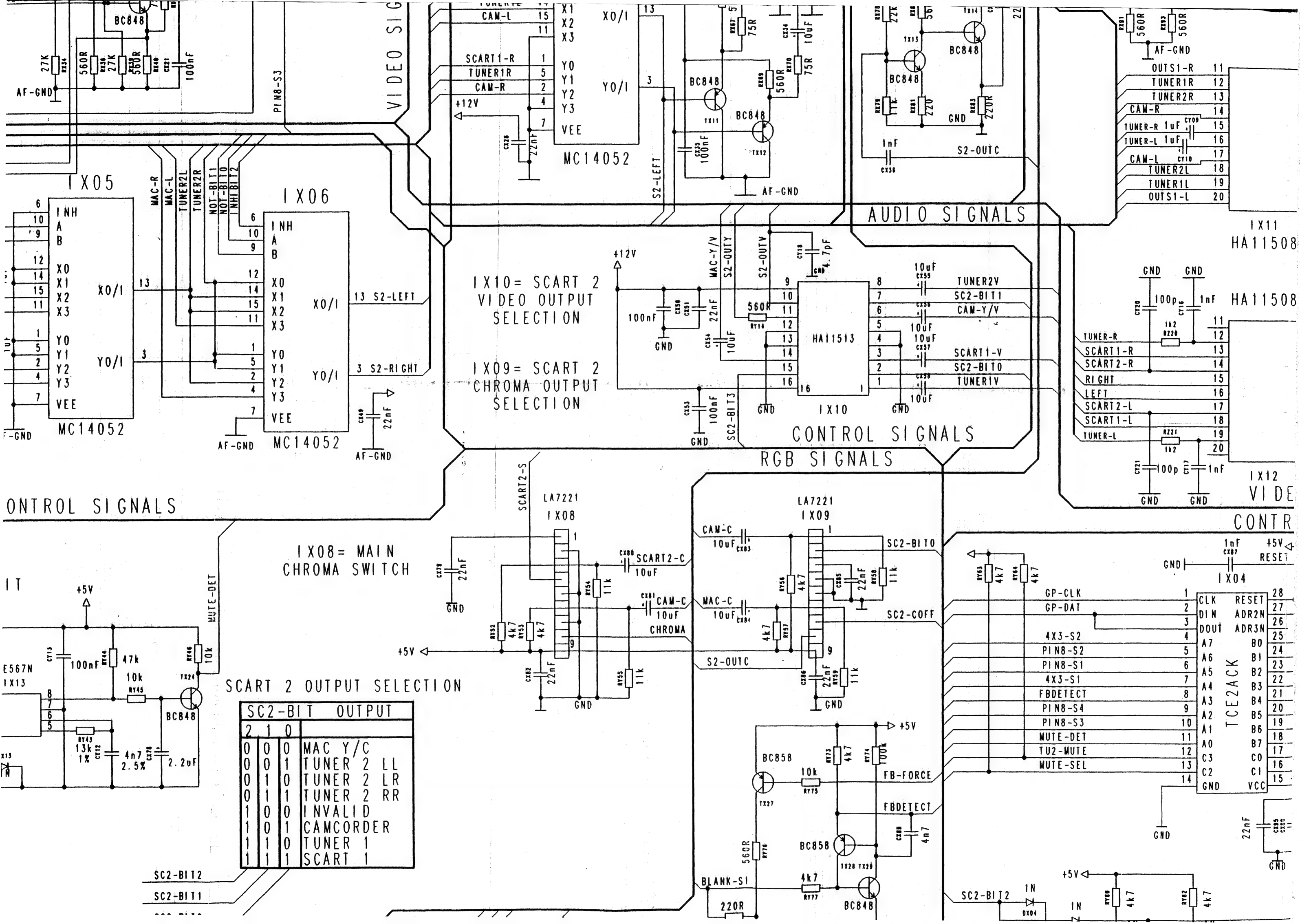
MUTE DETECT CIRCUIT



SCART 2 OUTPUT SELECTION

SC2-BIT OUTPUT			
2	1	0	
0	0	0	MAC Y/C
0	0	1	TUNER 2 LL
0	1	0	TUNER 2 LR
0	1	1	TUNER 2 RR
1	0	0	INVALID
1	0	1	CAMCORDER
1	1	0	TUNER 1
1	1	1	SCART 1





SC2-BIT OUTPUT			
2	1	0	
0	0	0	MAC Y/C
0	0	1	TUNER 2 LL
0	1	0	TUNER 2 LR
0	1	1	TUNER 2 RR
1	0	0	INVALID
1	0	1	CAMCORDER
1	1	0	TUNER 1
1	1	1	SCART 1

IX08= MAIN CHROMA SWITCH

IX10= SCART 2 VIDEO OUTPUT SELECTION

IX09= SCART 2 CHROMA OUTPUT SELECTION

IX06

IX05

IX11
HA11508

HA11508

IX12
VIDE
CONTR

TCE2ACK

GP-CLK
GP-DAT

4X3-S2
PIN8-S2
PIN8-S1
4X3-S1
FBDETECT
PIN8-S4
PIN8-S3
MUTE-DET
TU2-MUTE
MUTE-SEL

CLK
DIN
DOU
A7
A6
A5
A4
A3
A2
A1
A0
C3
C2
C1
VCC

RESET
ADR2N
ADR3N
B0
B1
B2
B3
B4
B5
B6
B7
C0
C1
VCC

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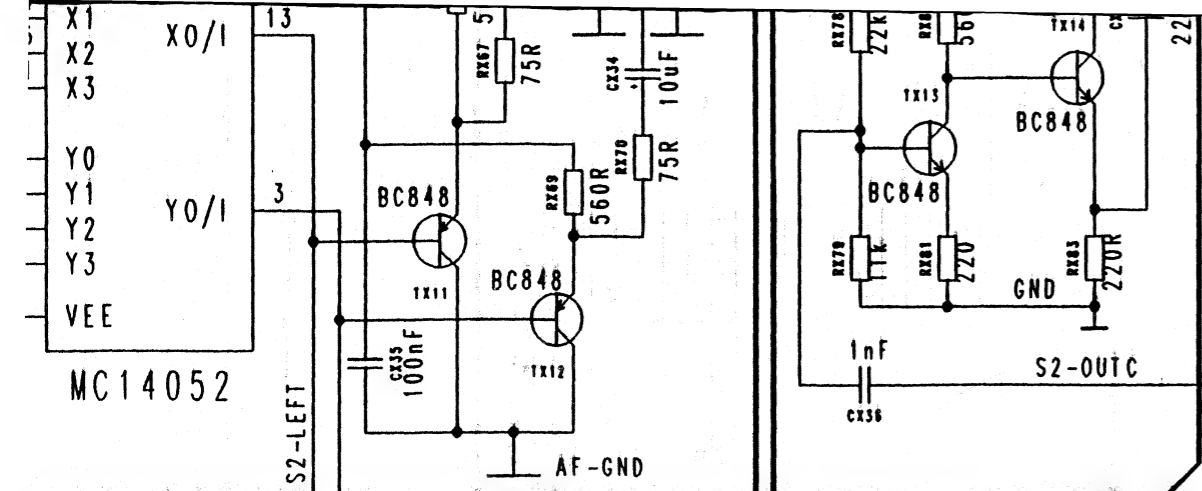
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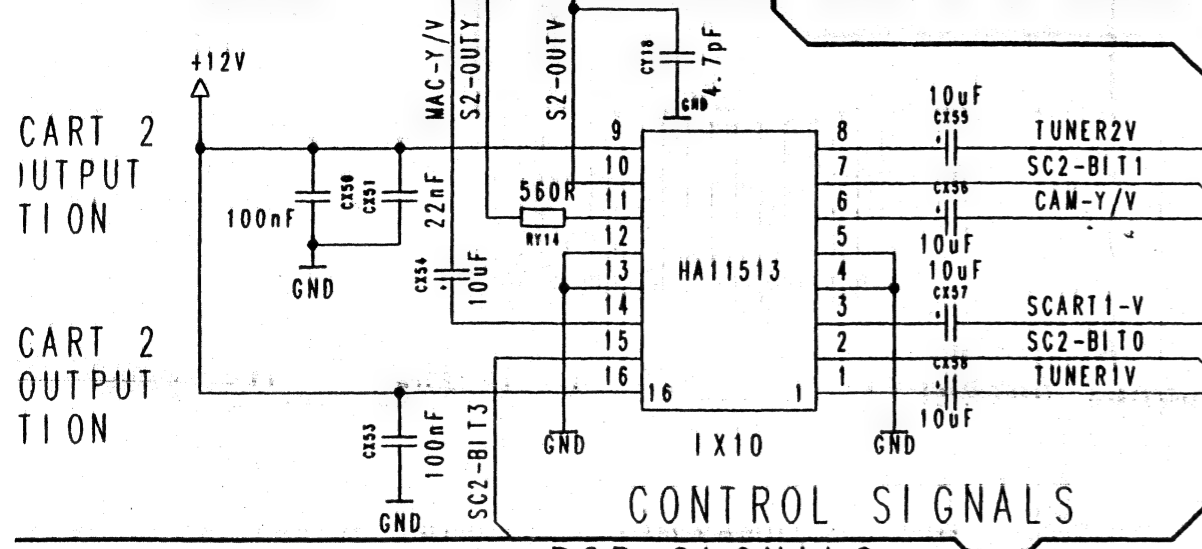
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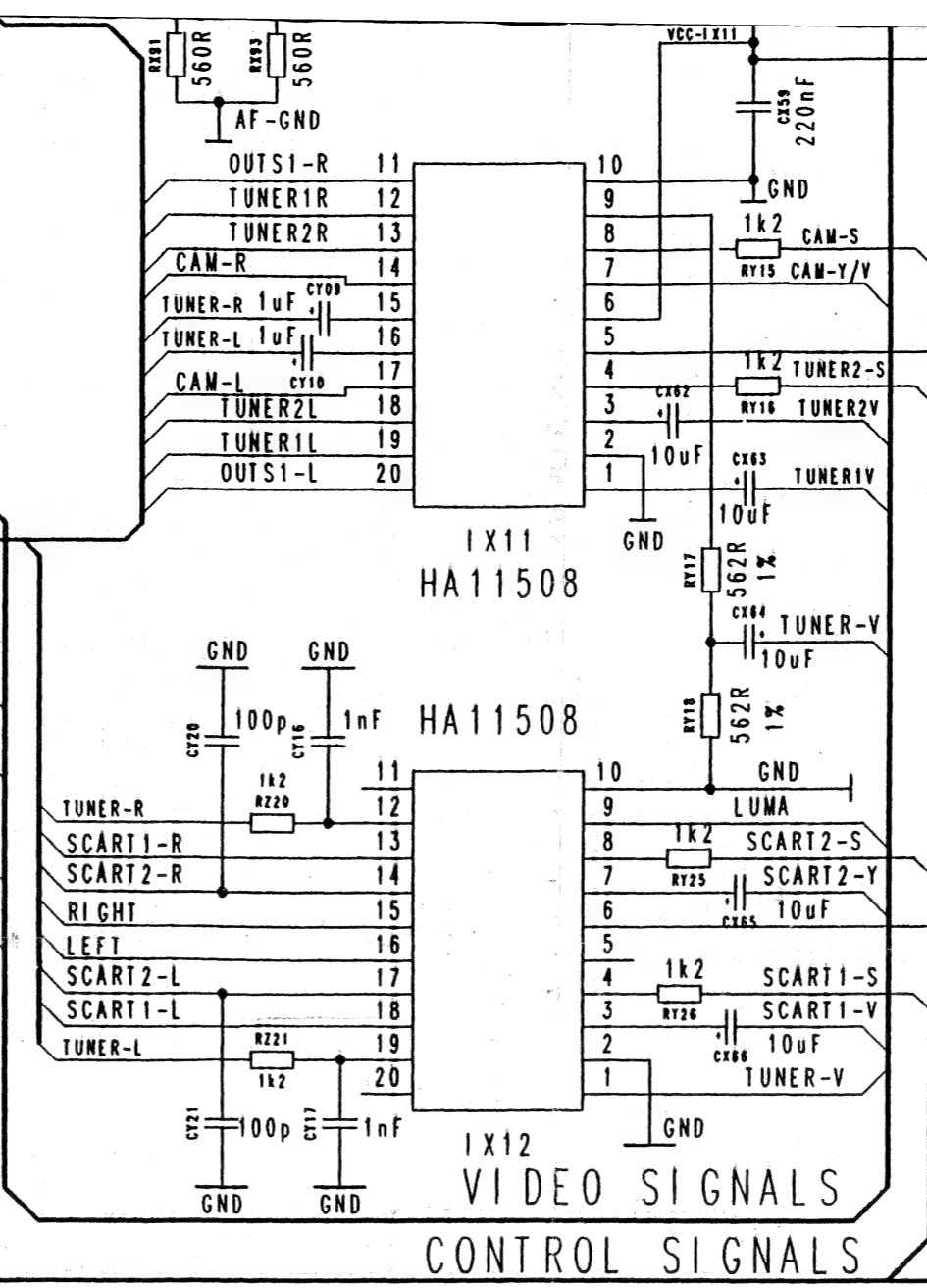
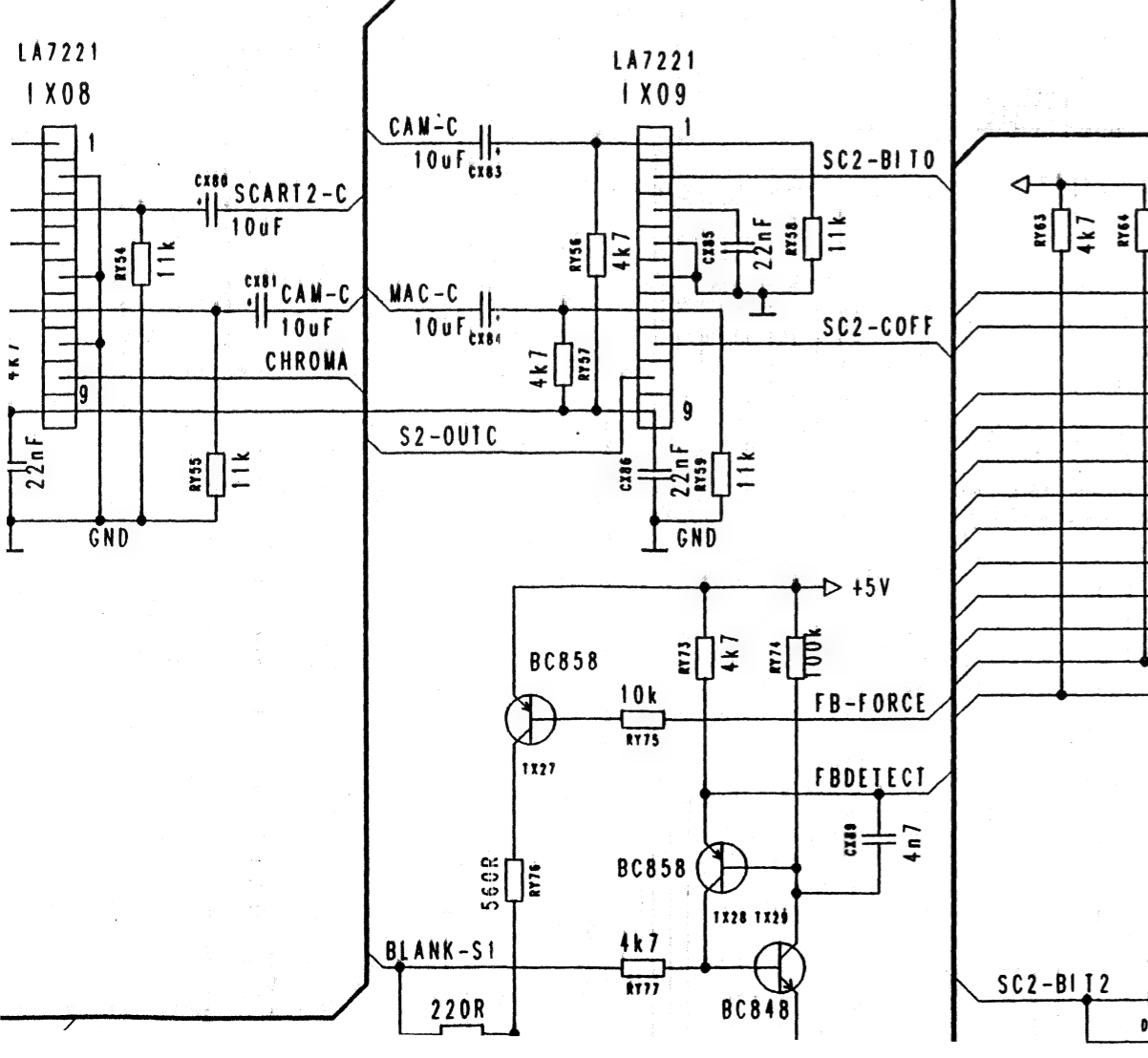
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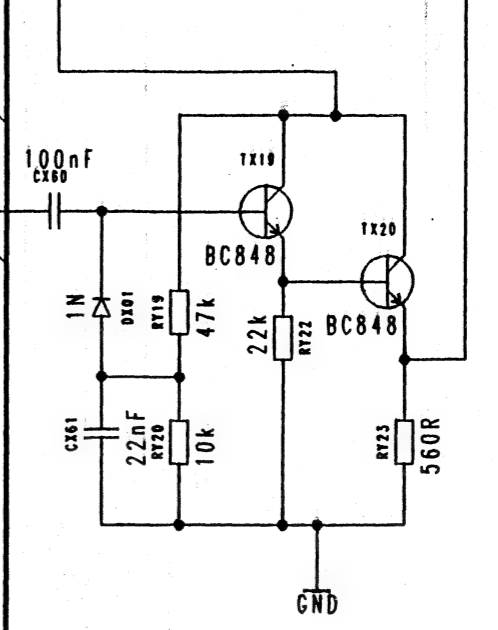
AUDIO SIGNALS



RGB SIGNALS

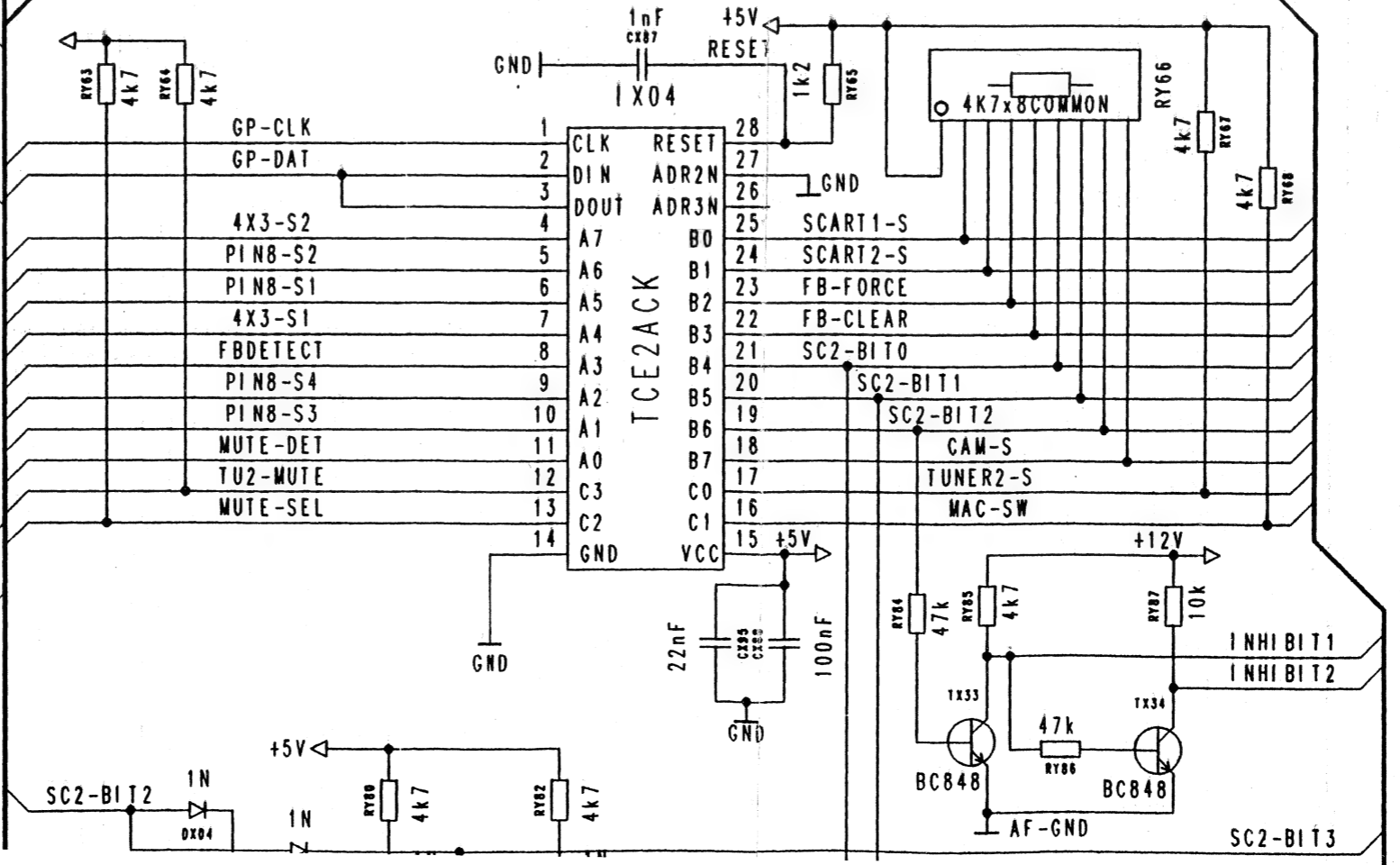


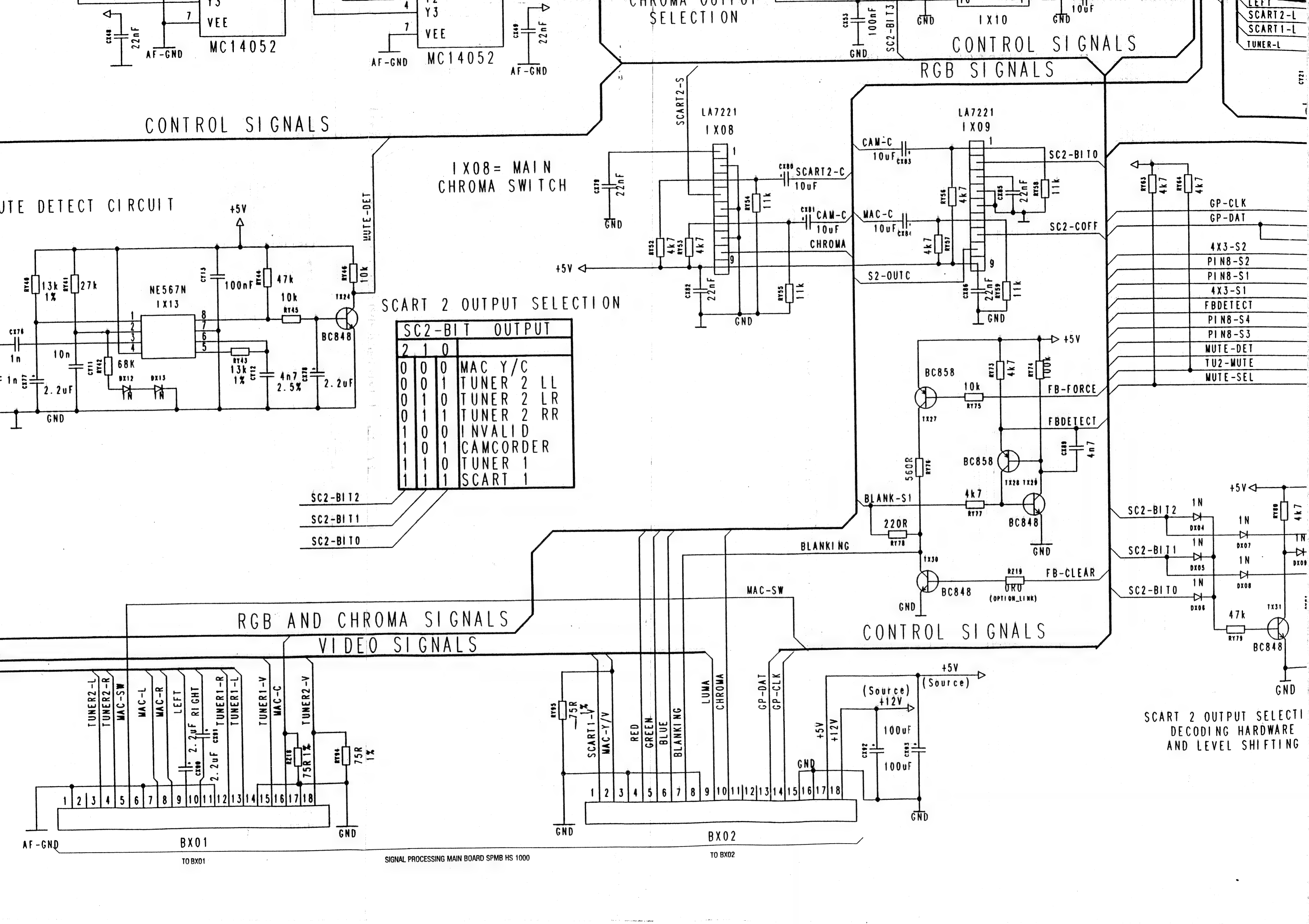
VIDEO BUFFER

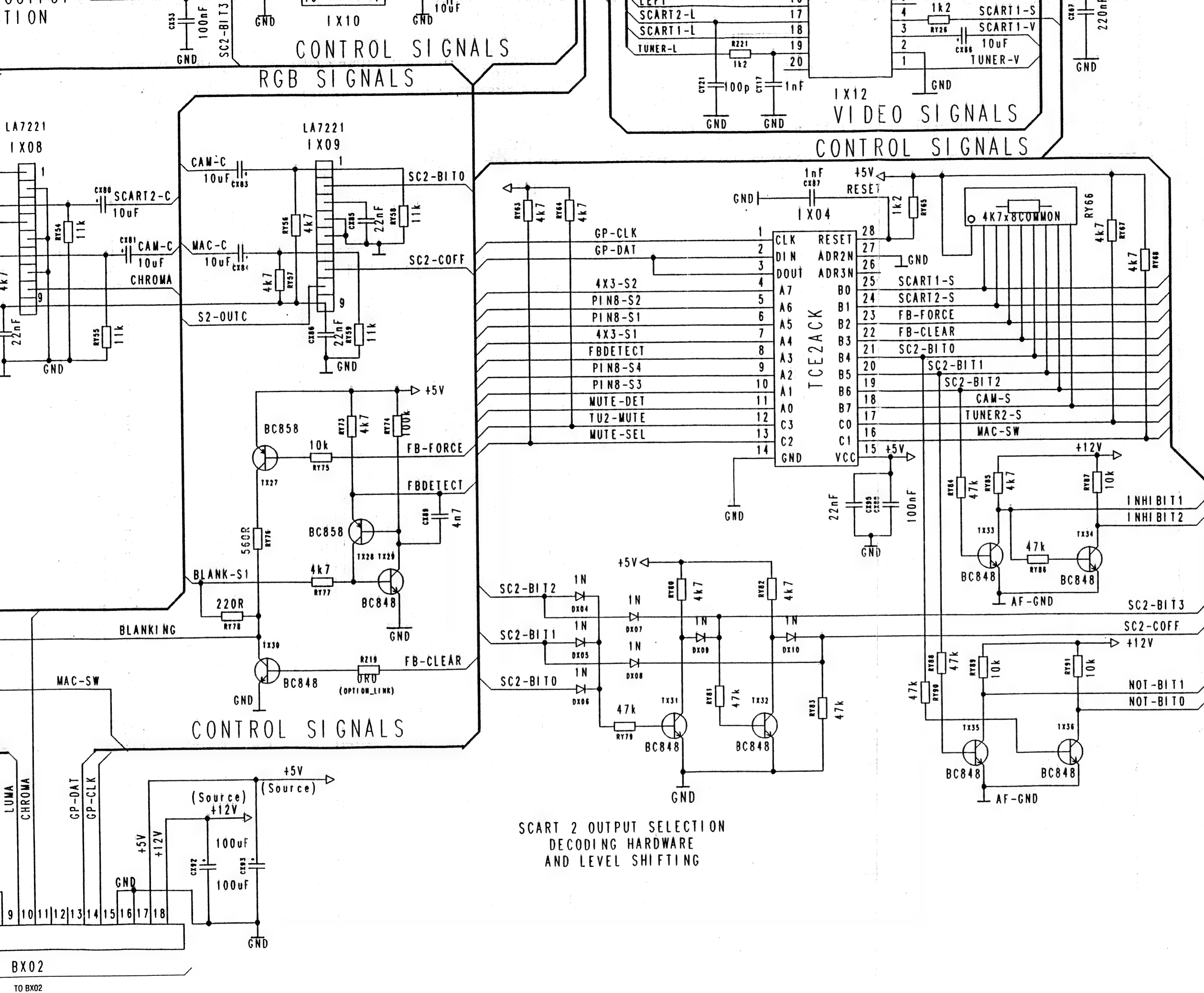


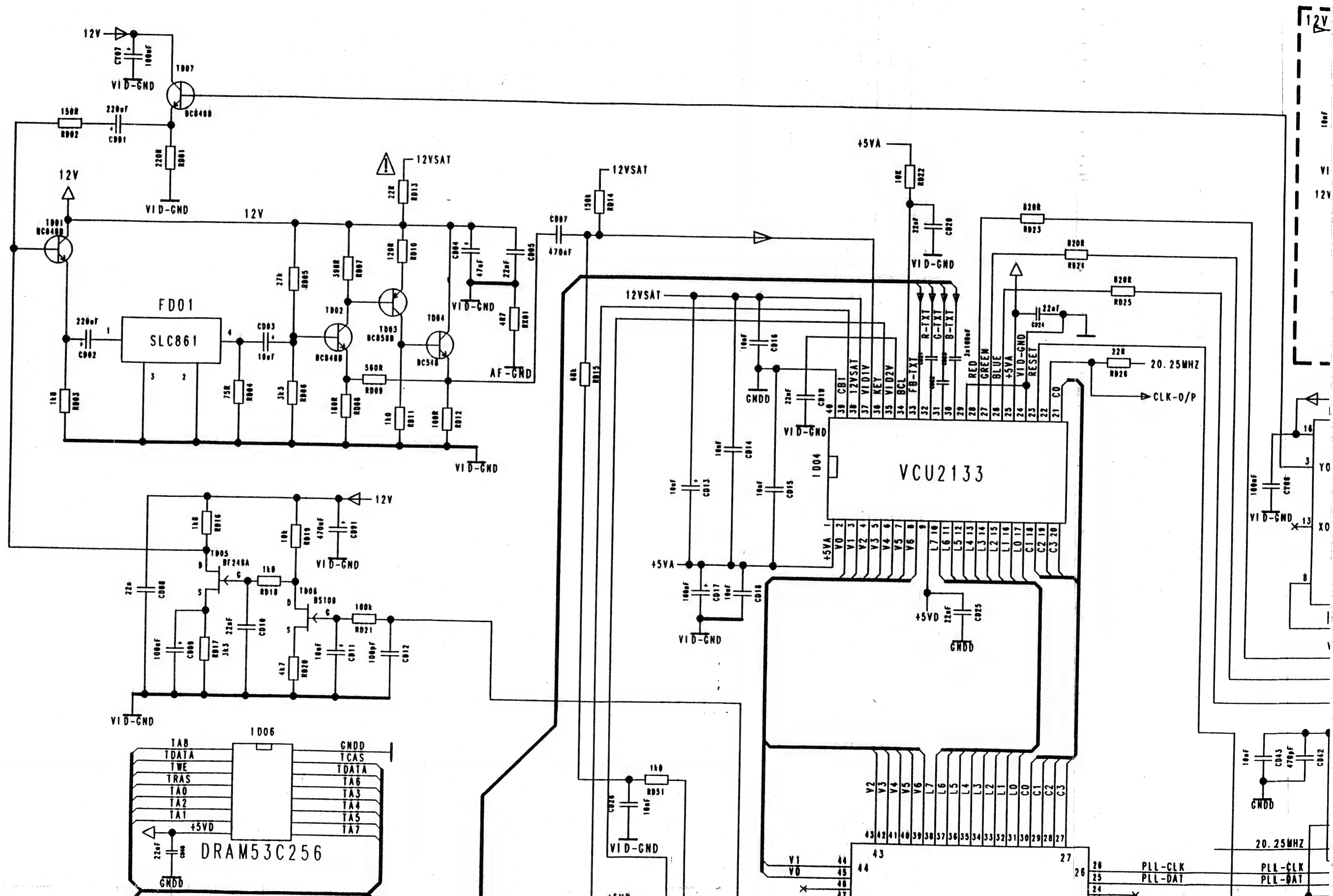
VIDEO SIGNALS

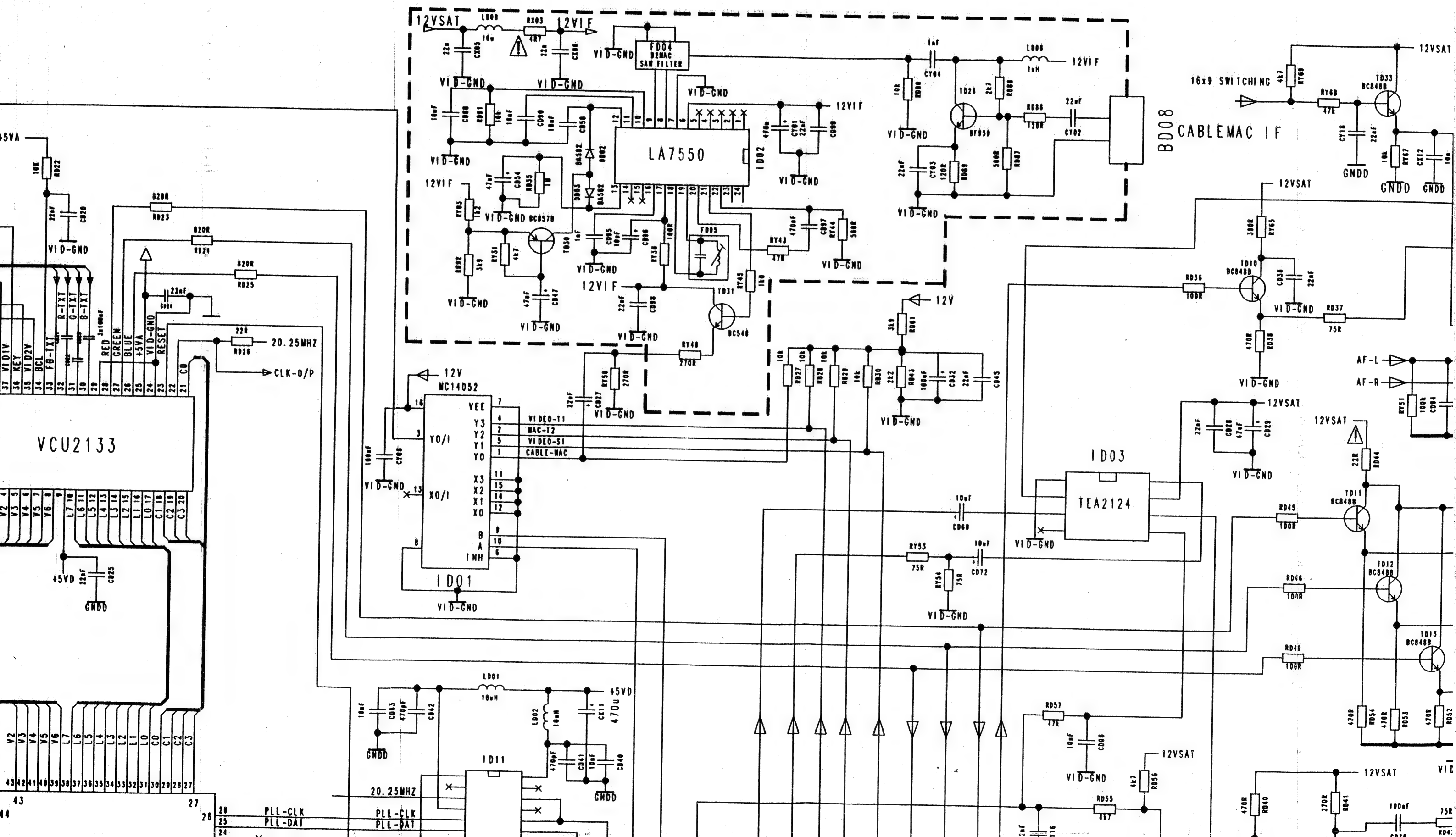
CONTROL SIGNALS

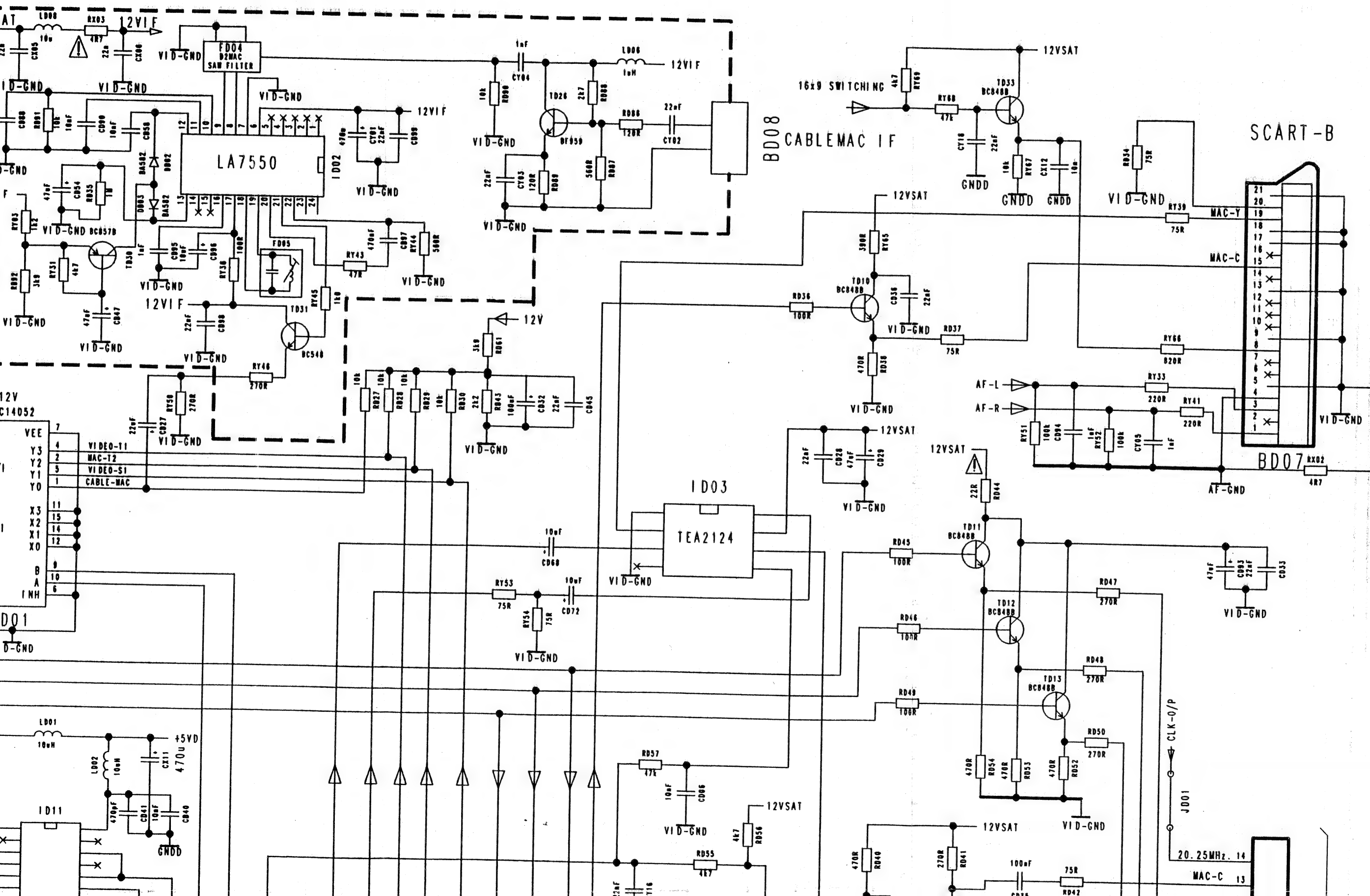


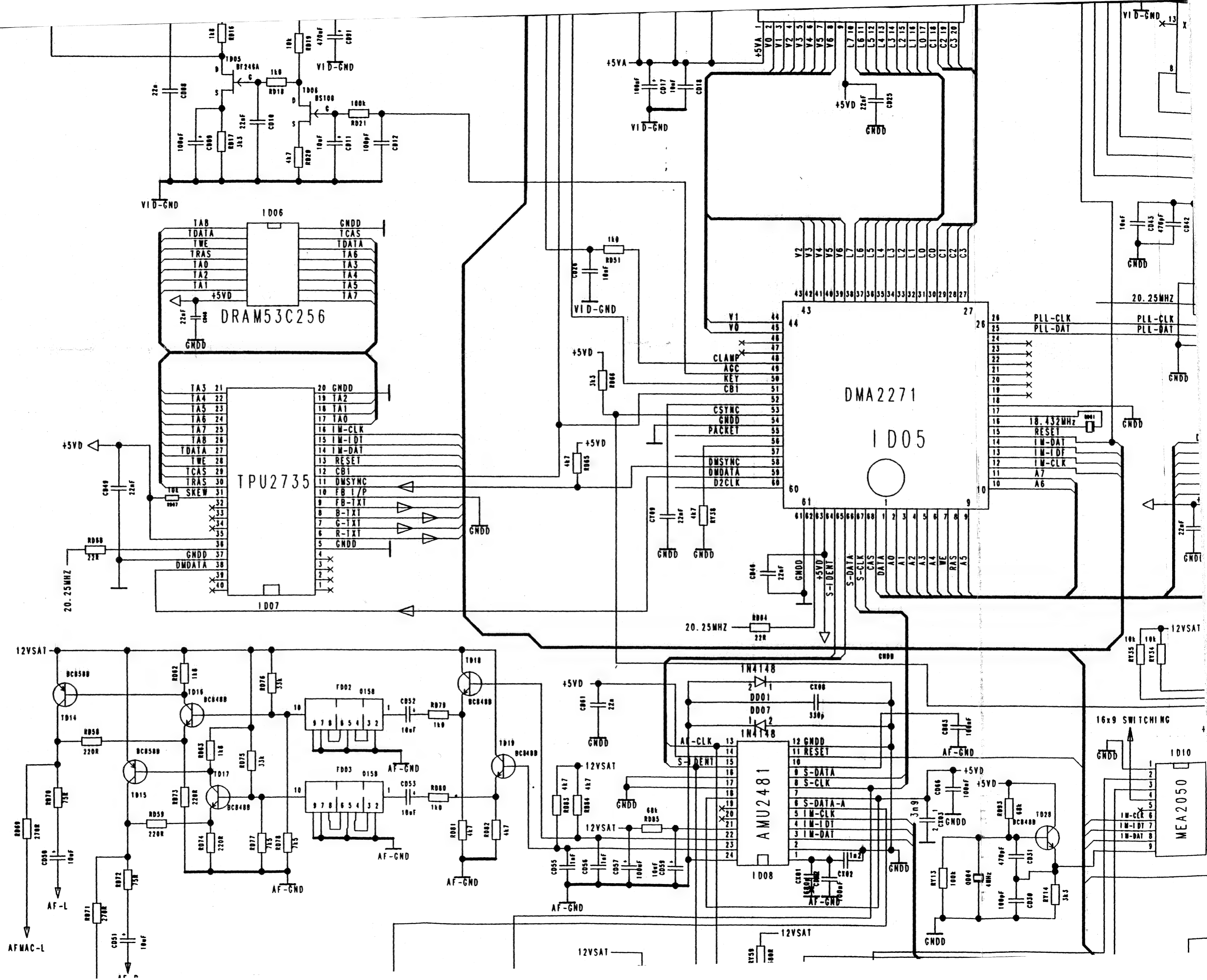


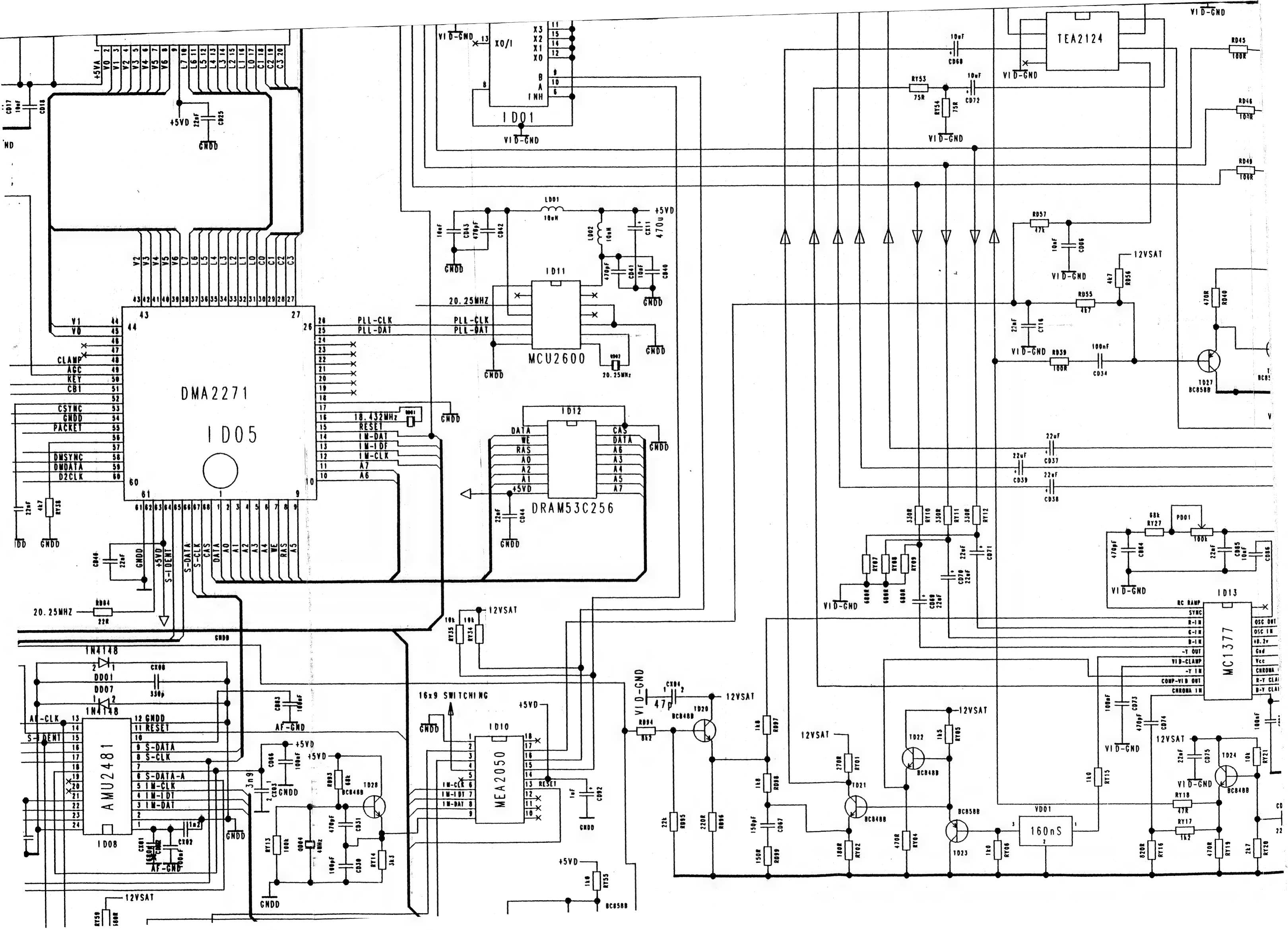


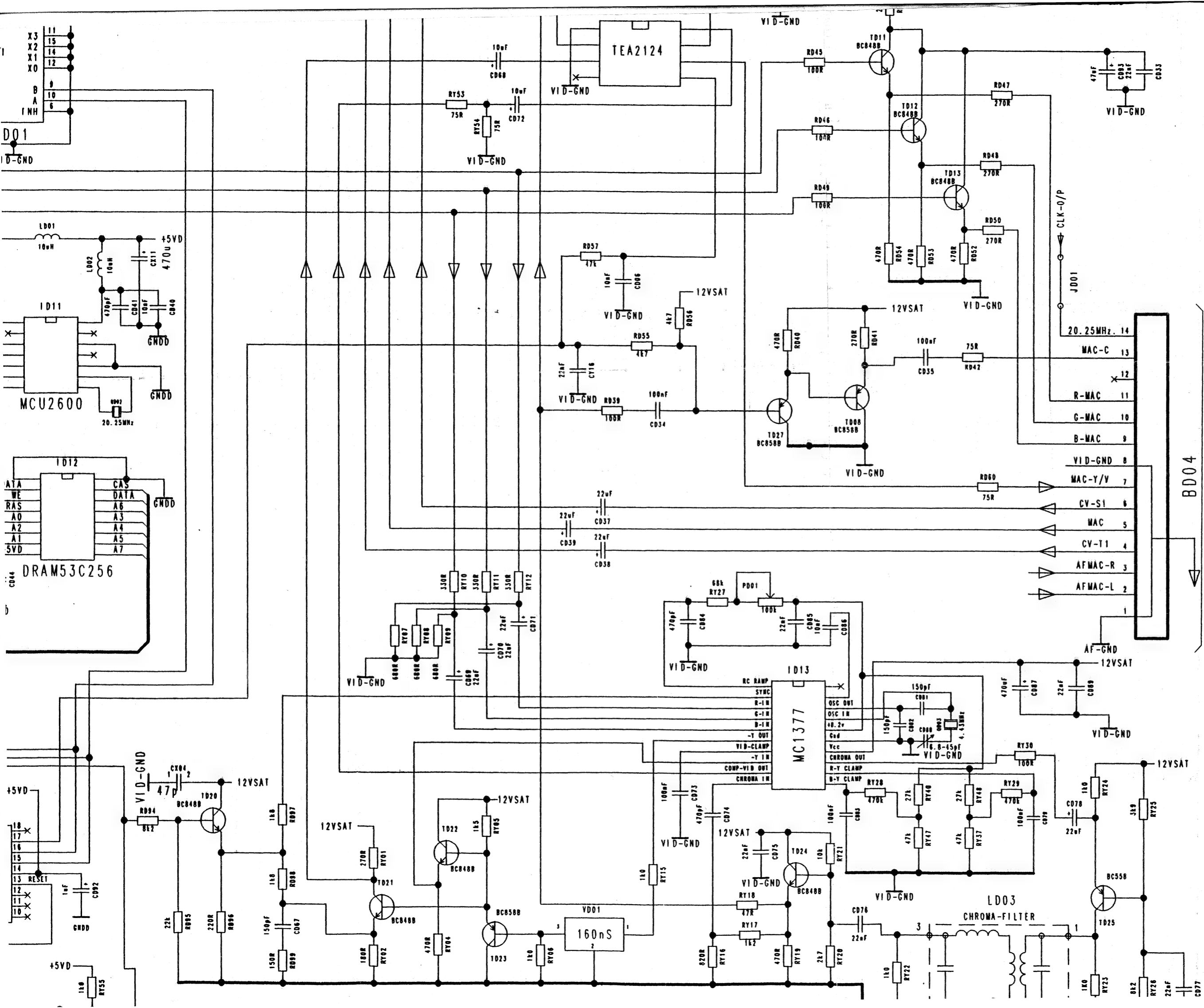




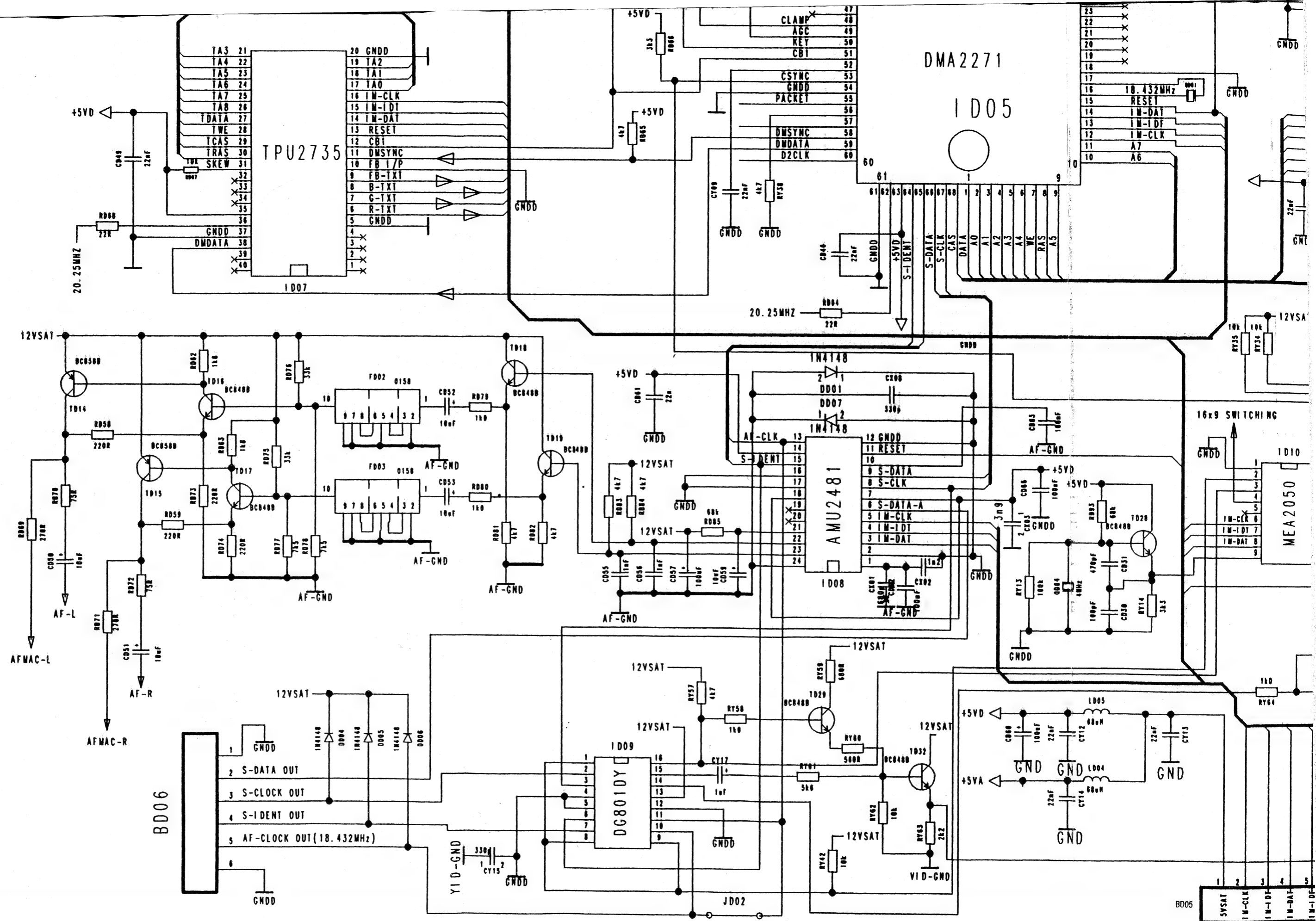


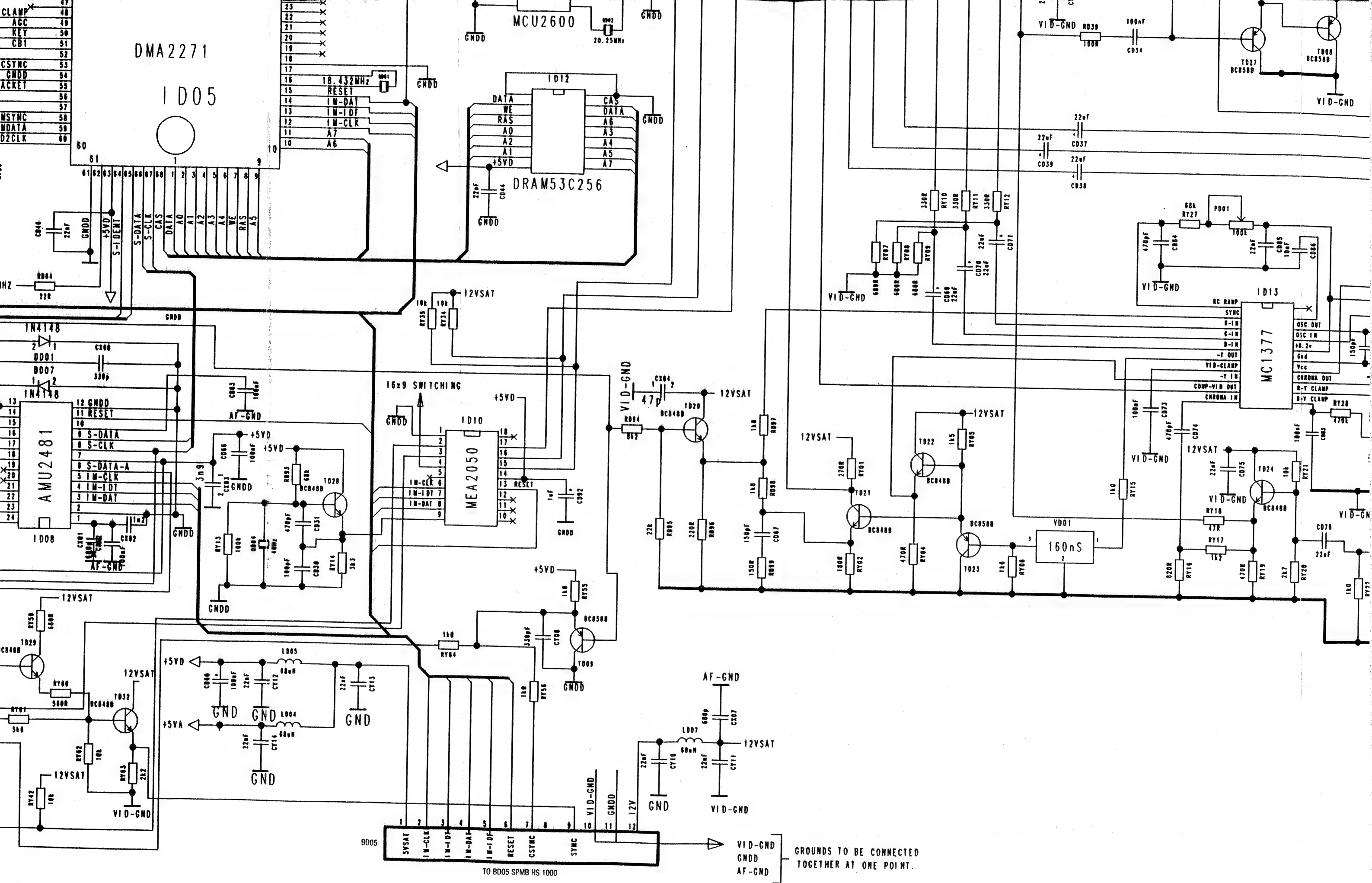


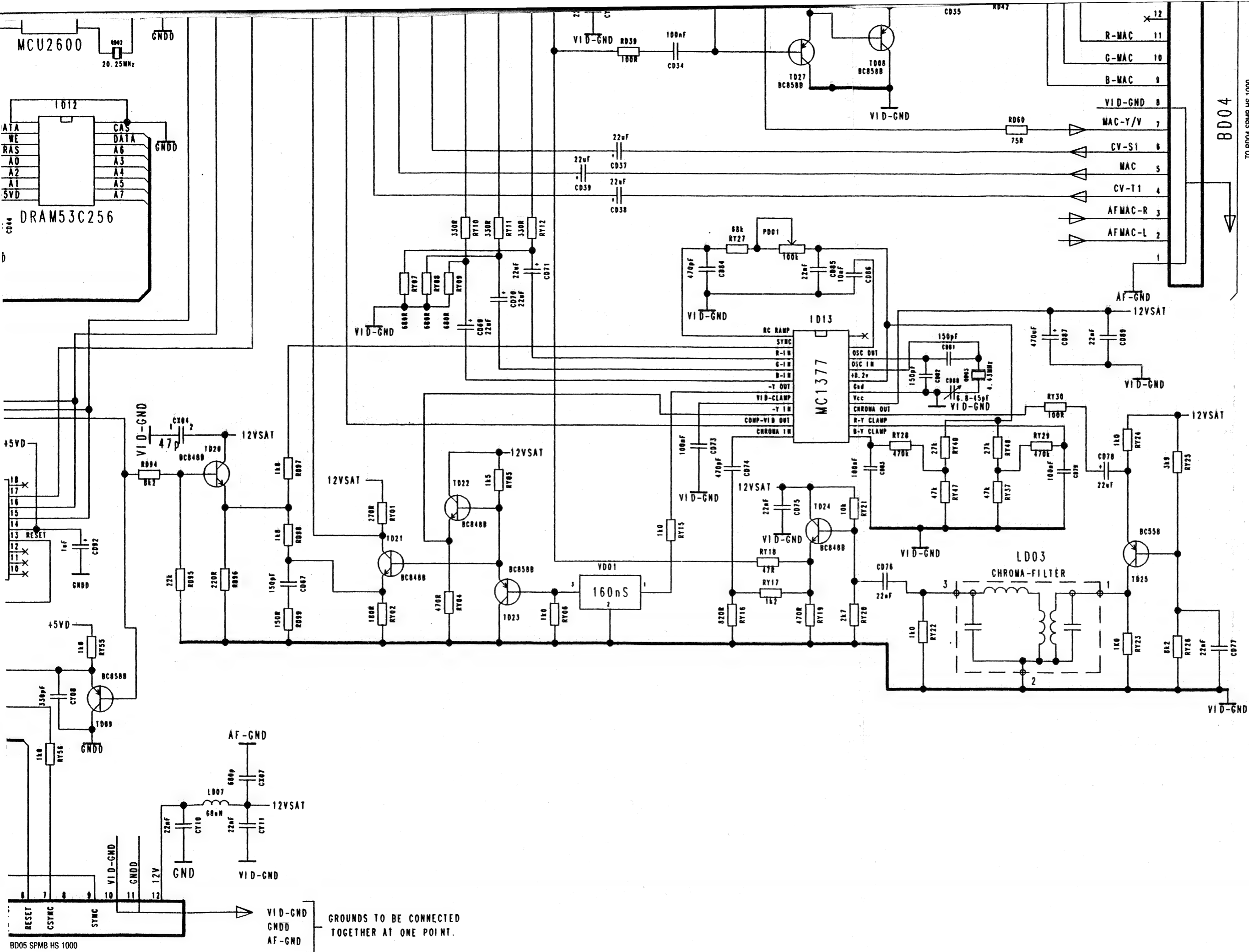


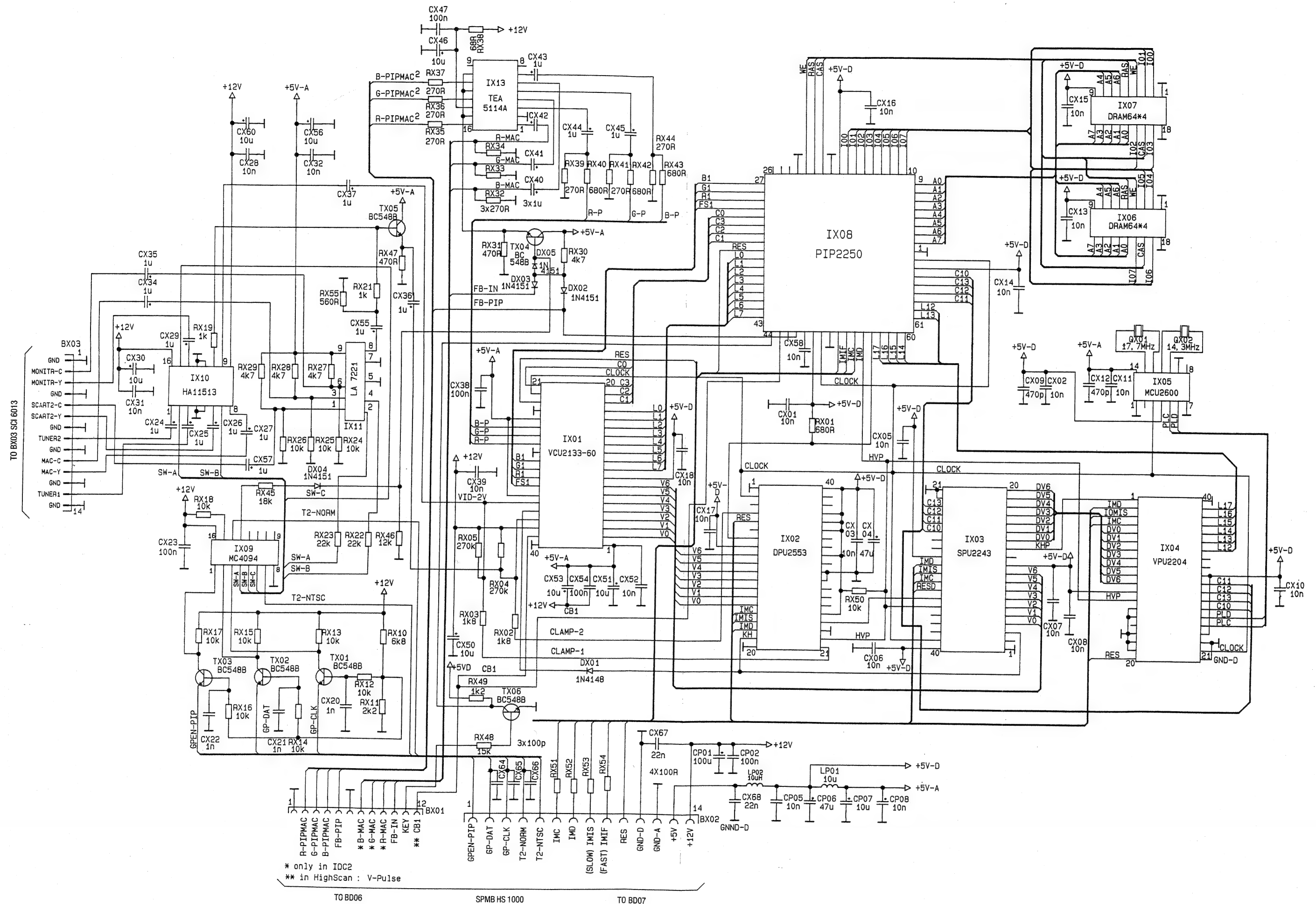


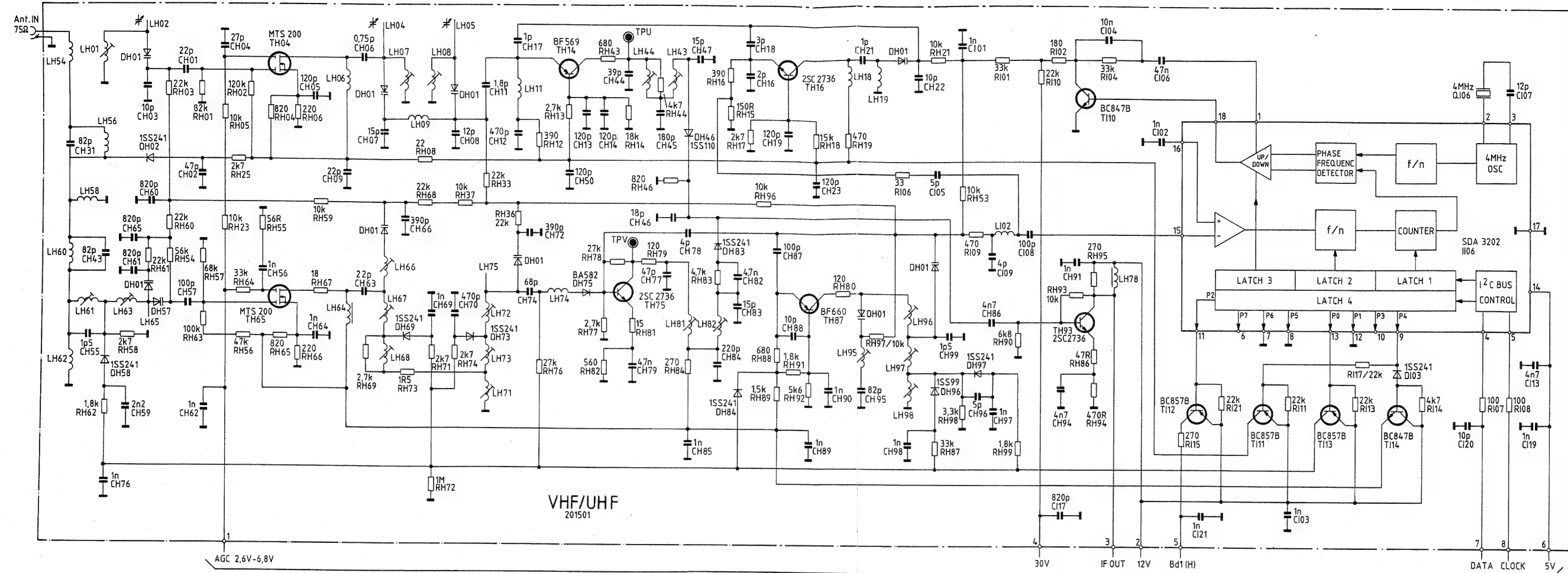
TO BD04 SPMB HS 1000





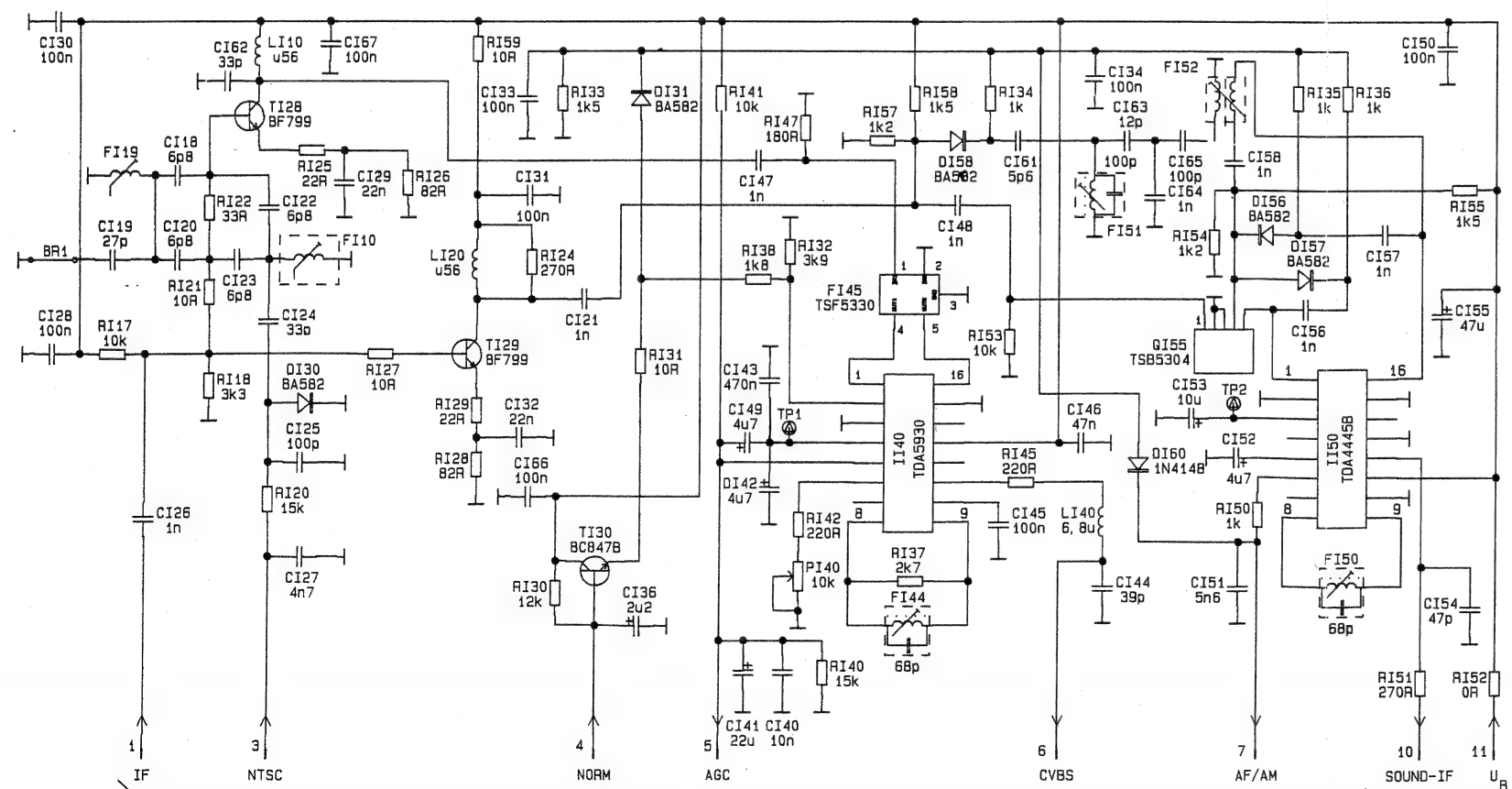


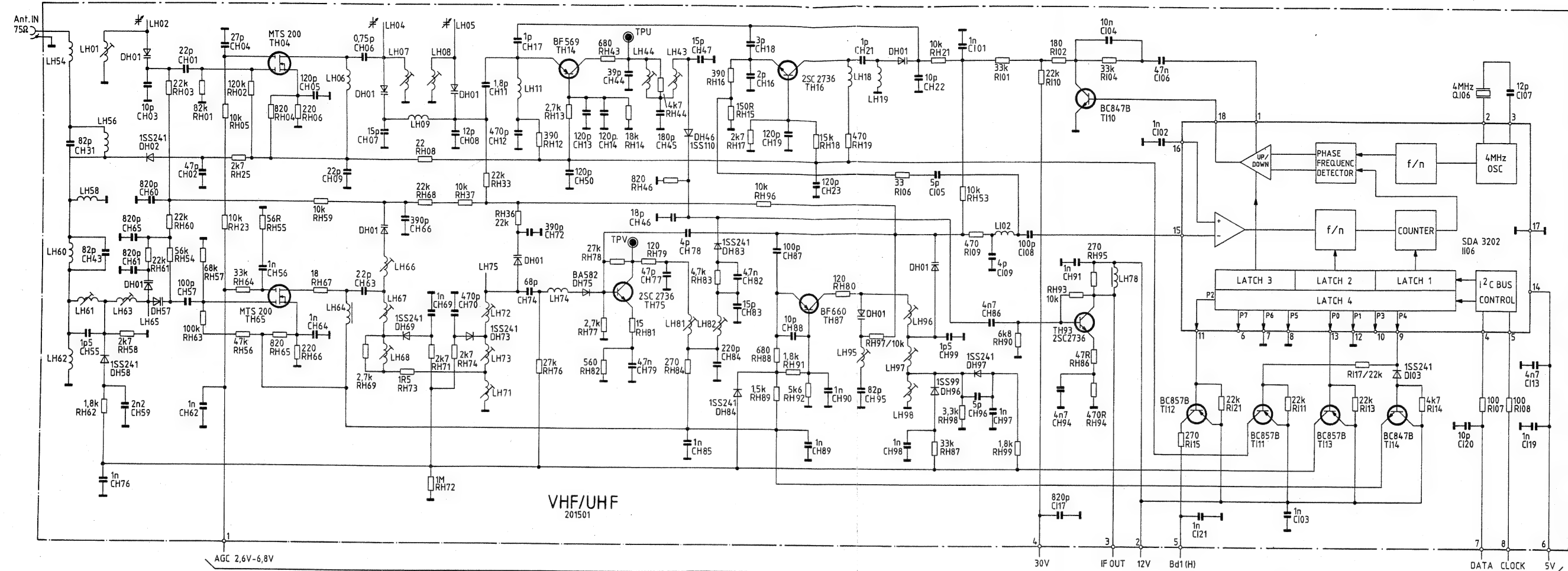




TO SIGNAL PROCESSING MAIN BOARD SPMB HS 1000

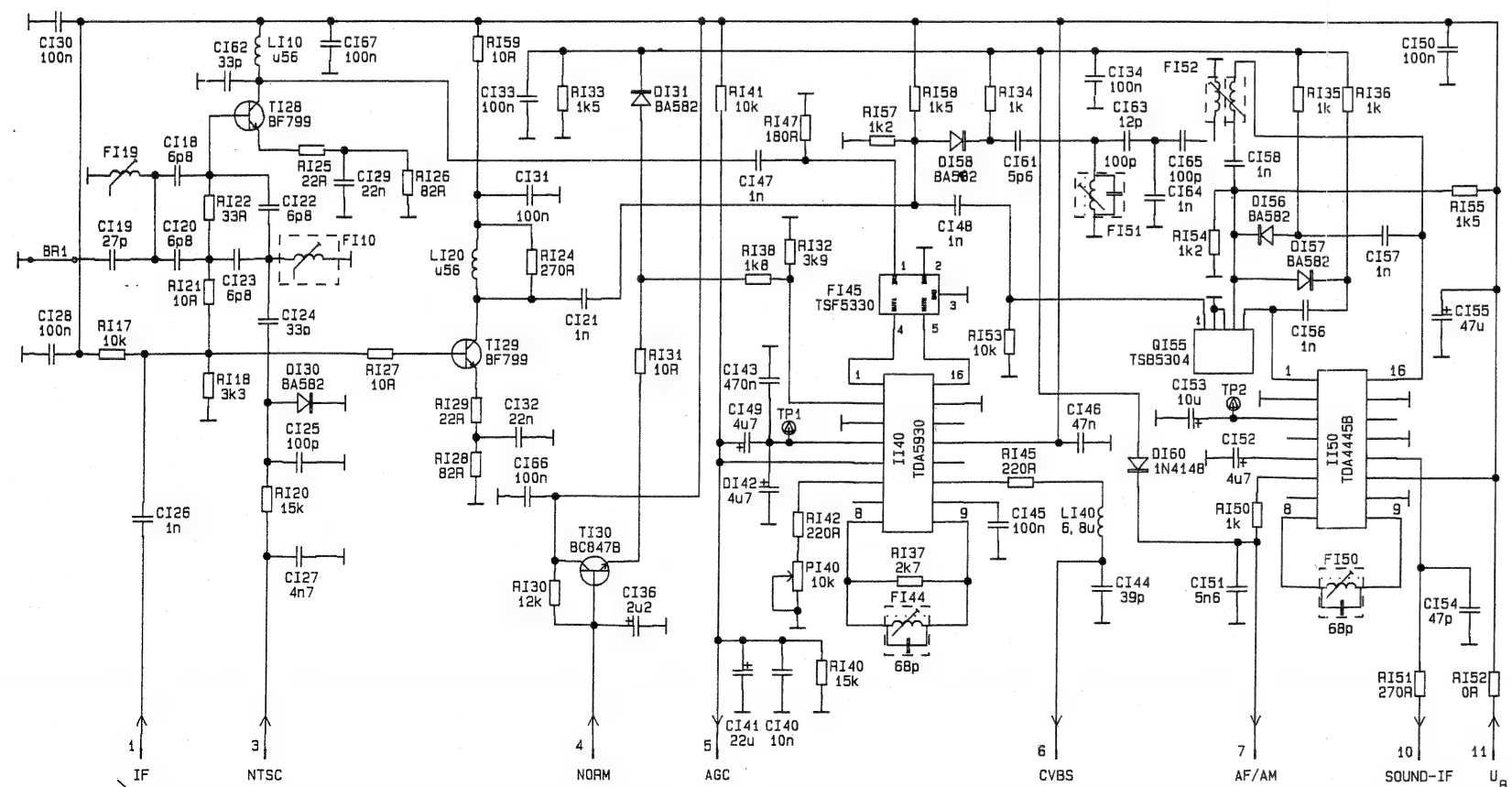
IF 2156



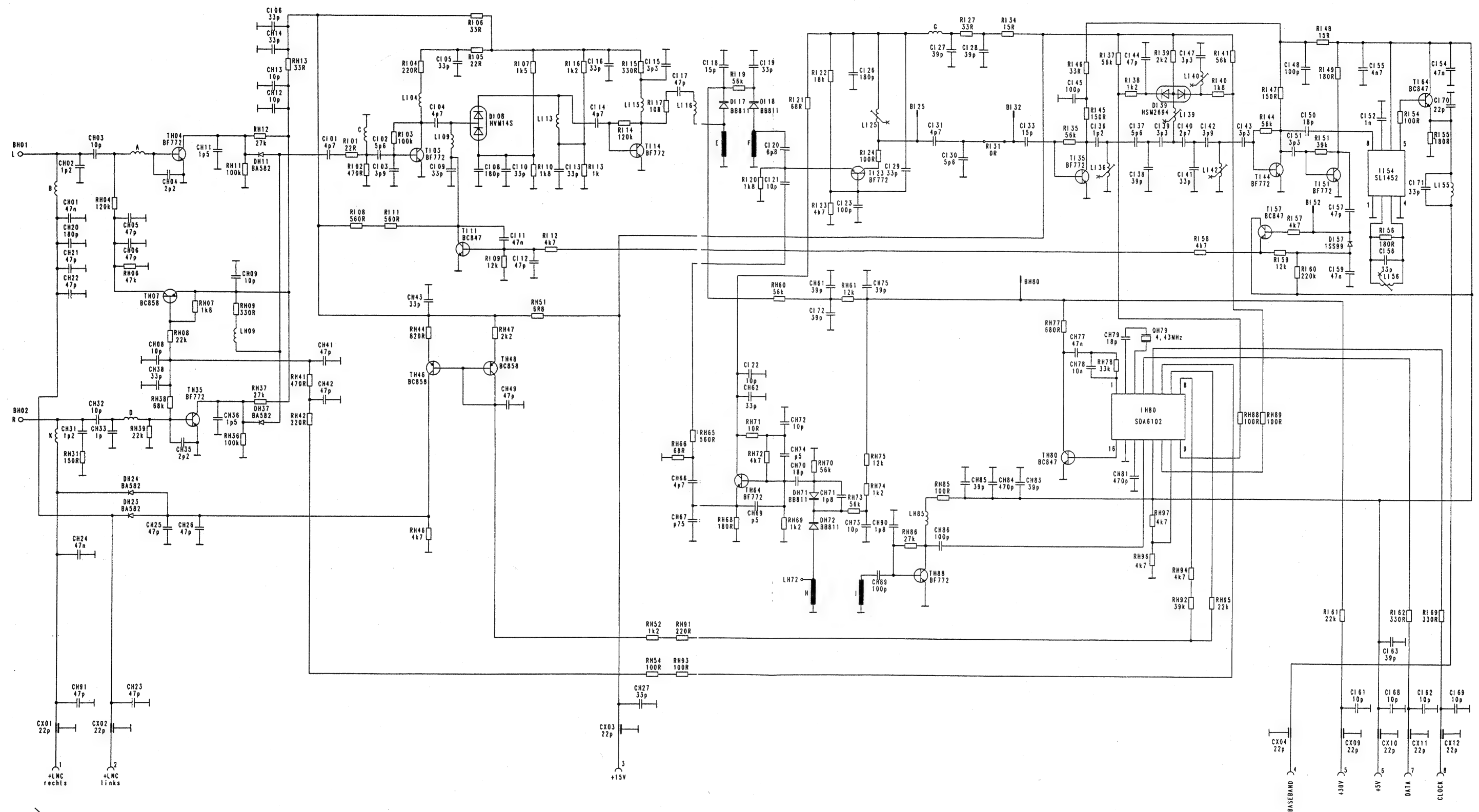


TO SIGNAL PROCESSING MAIN BOARD SPMB HS 1000

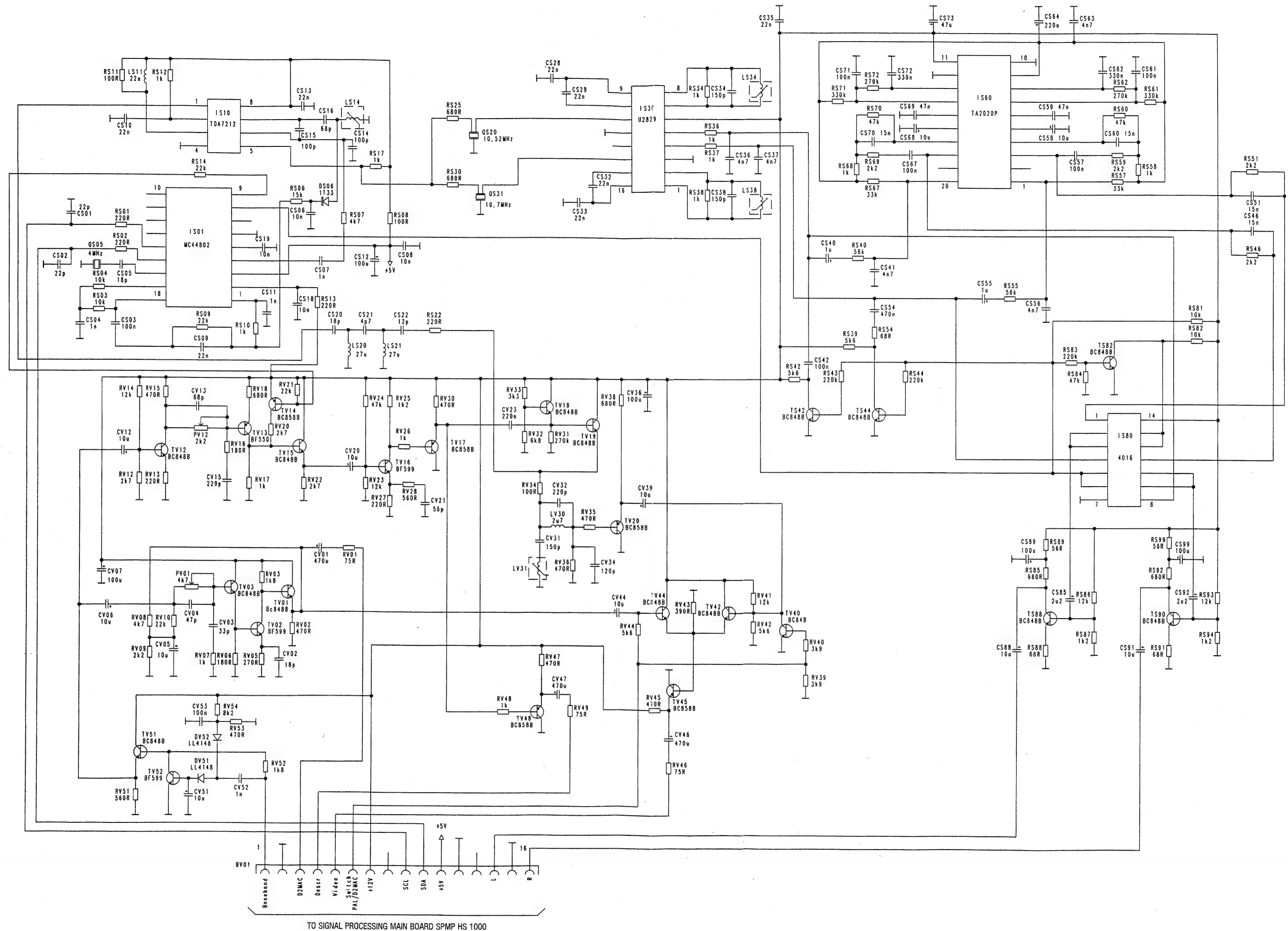
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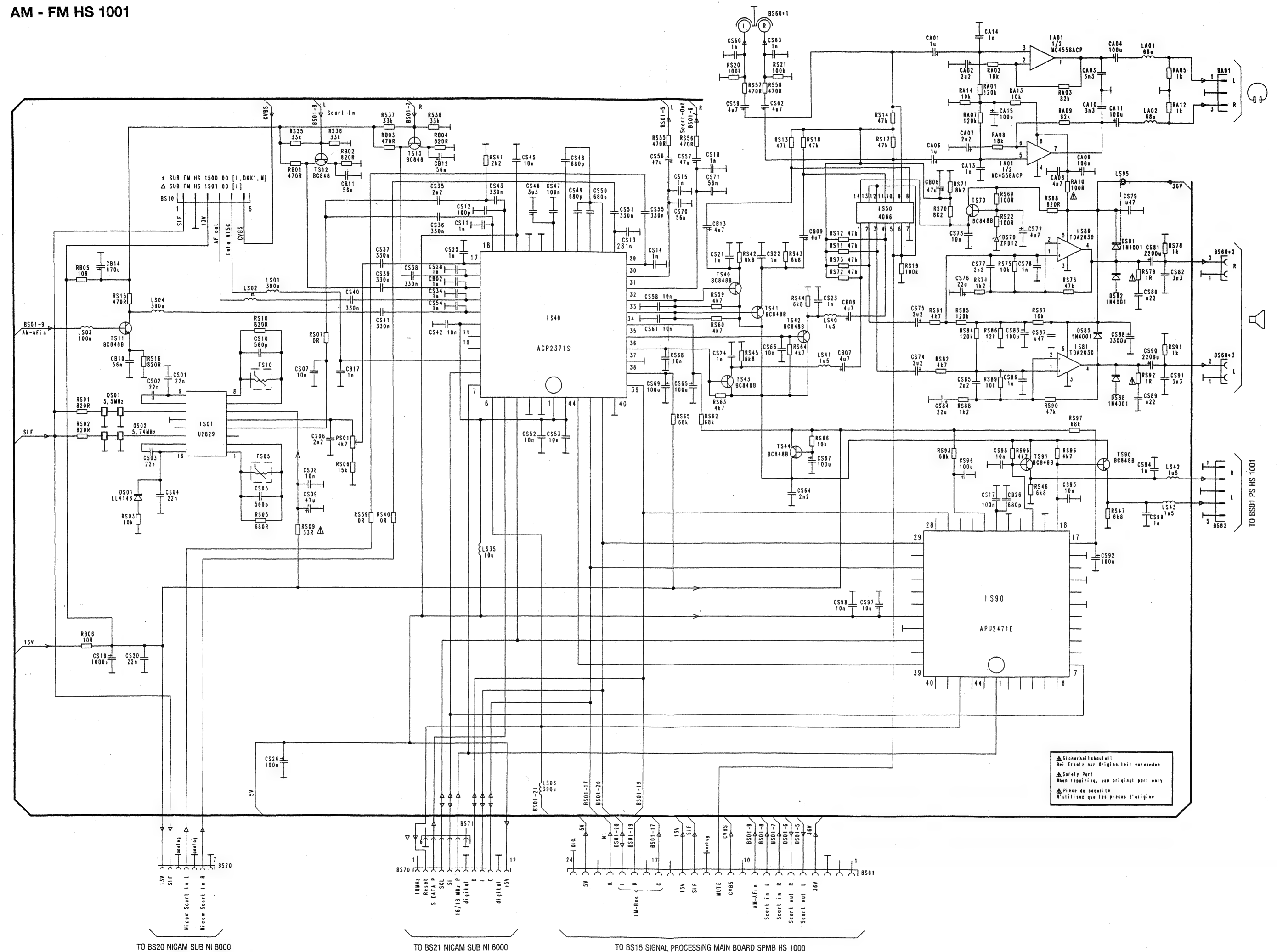


TO SIGNAL PROCESSING MAIN BOARD SPMS HS 1000

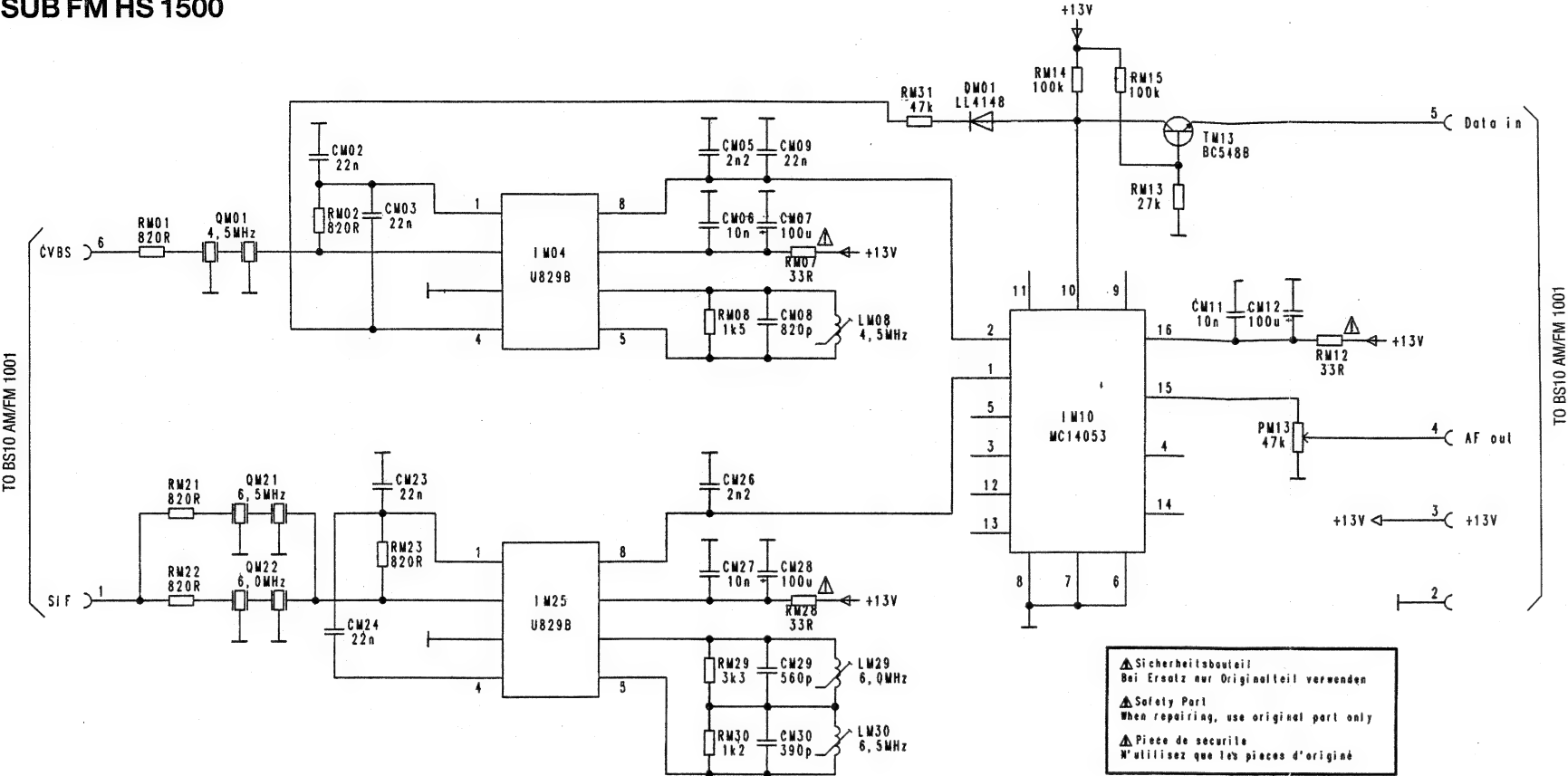


TO SIGNAL PROCESSING MAIN BOARD SPMP

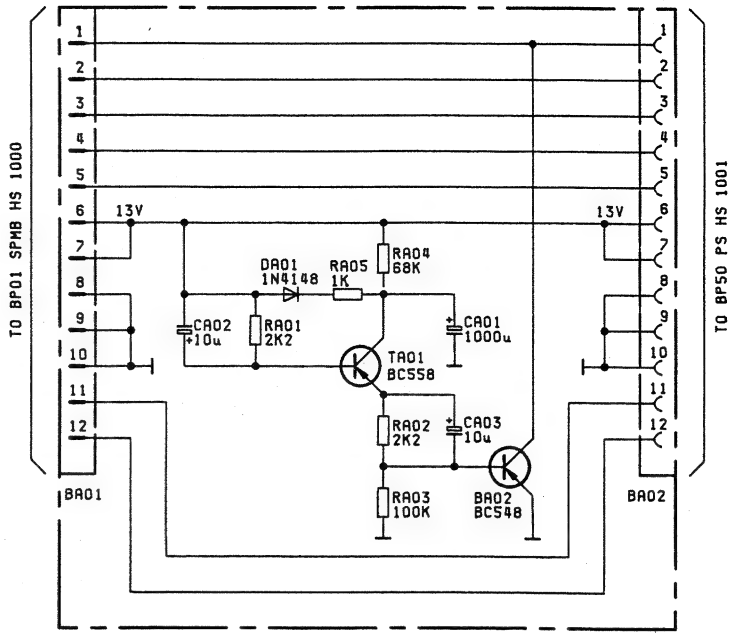




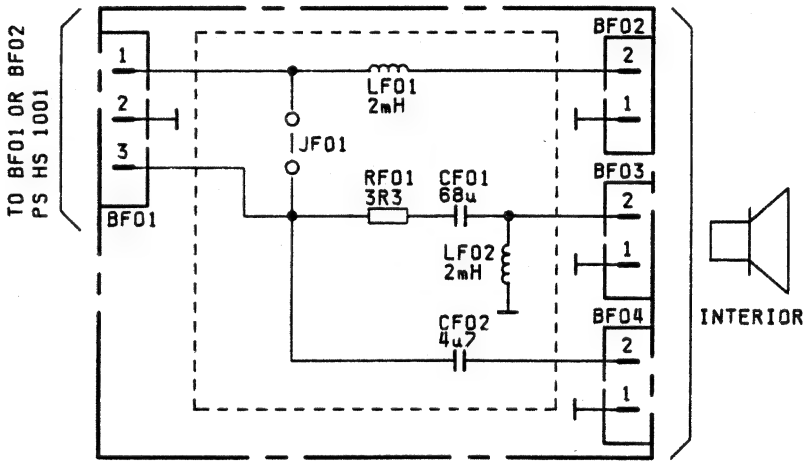
SUB FM HS 1500



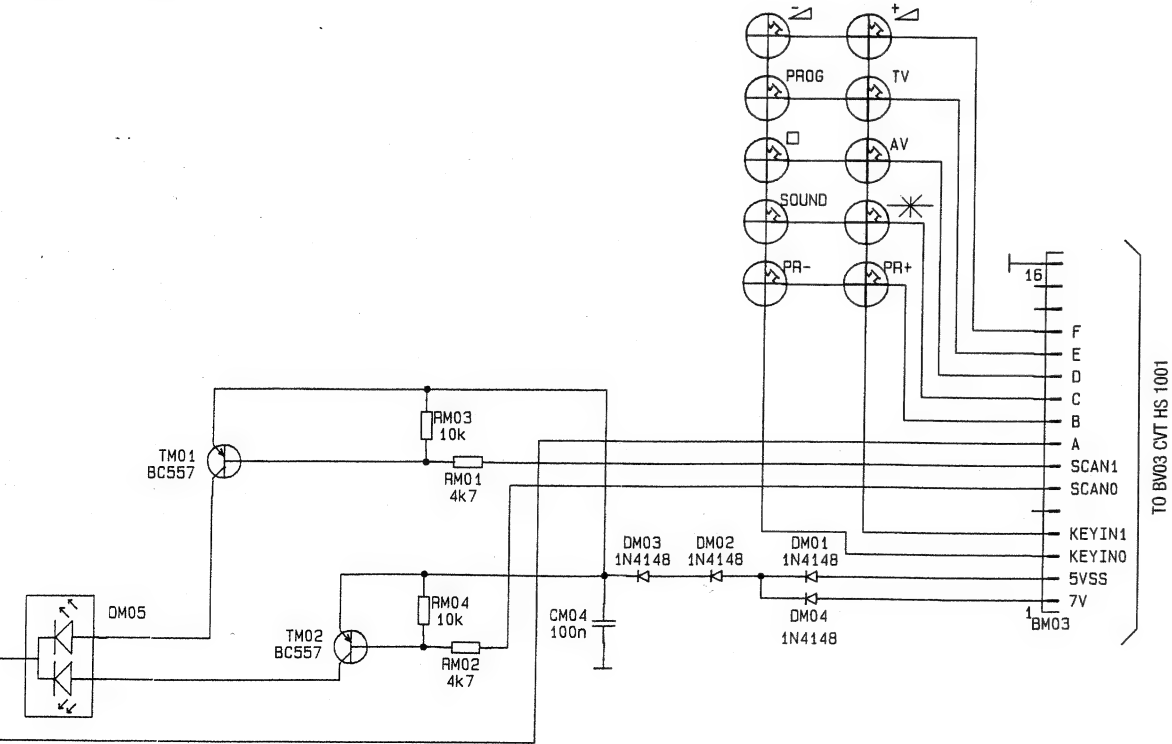
SUB MUTE HS 1000



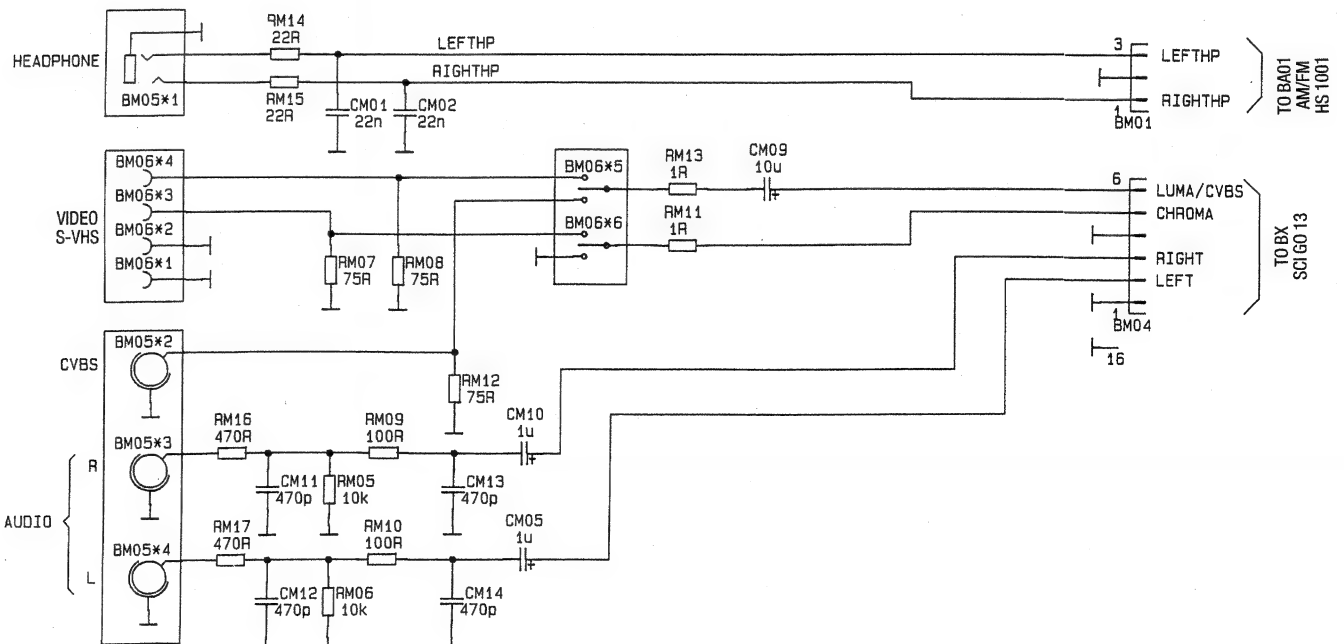
LDN HS 1000

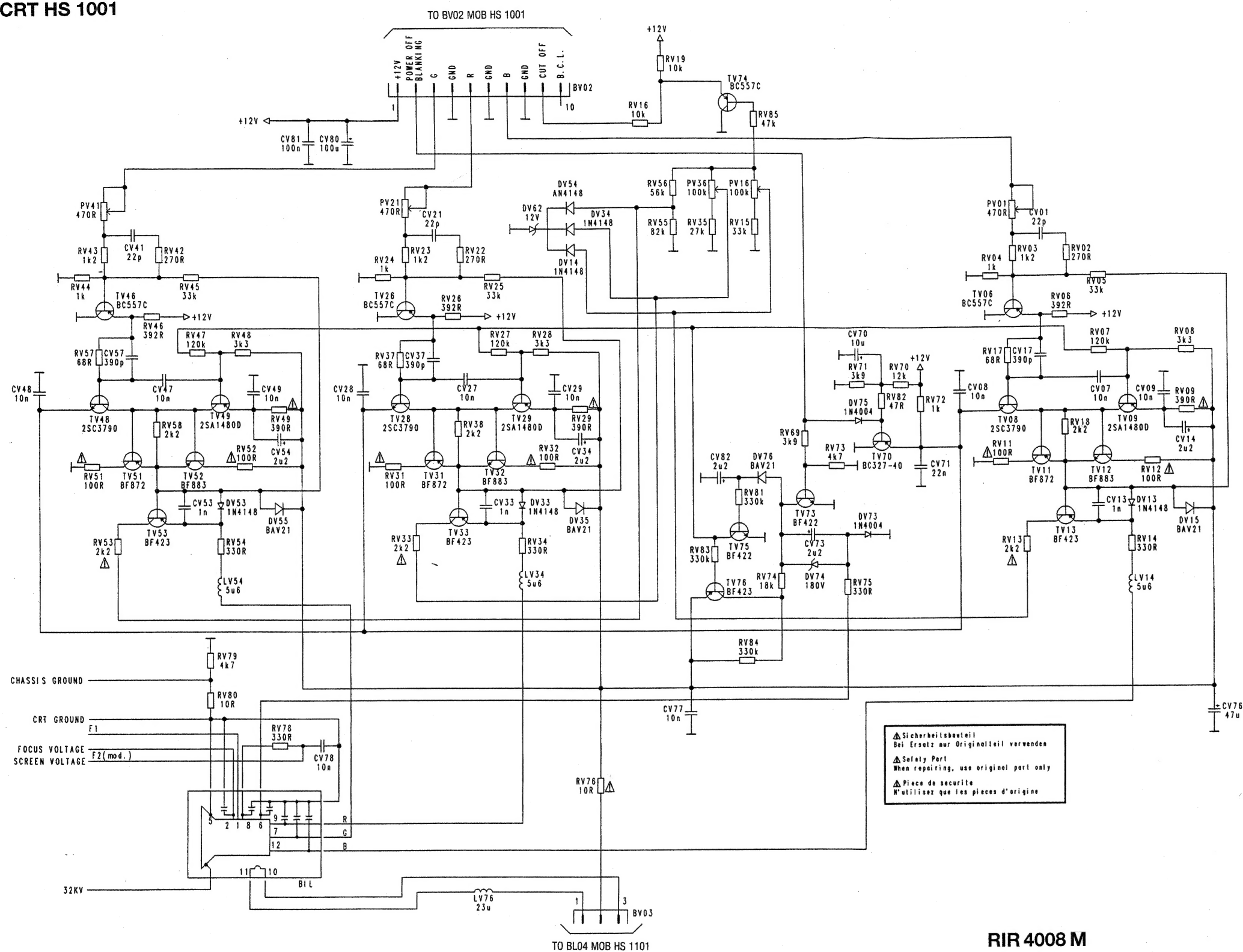


KB HS 1002

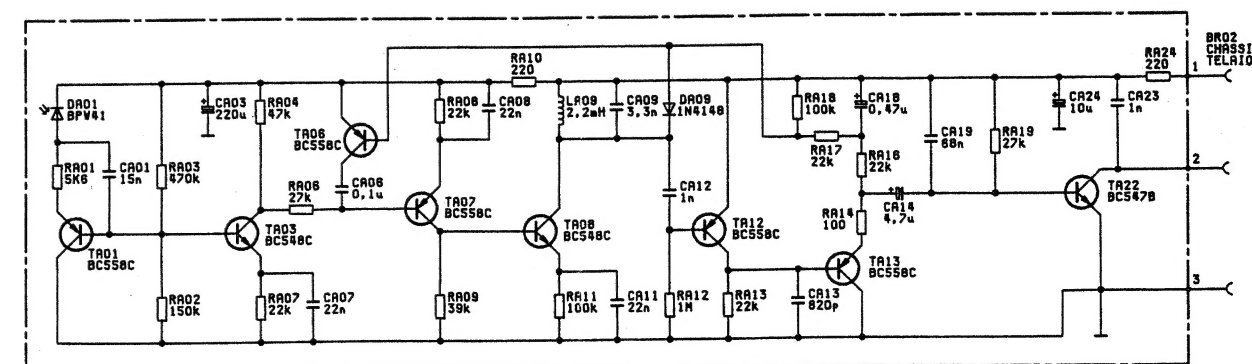


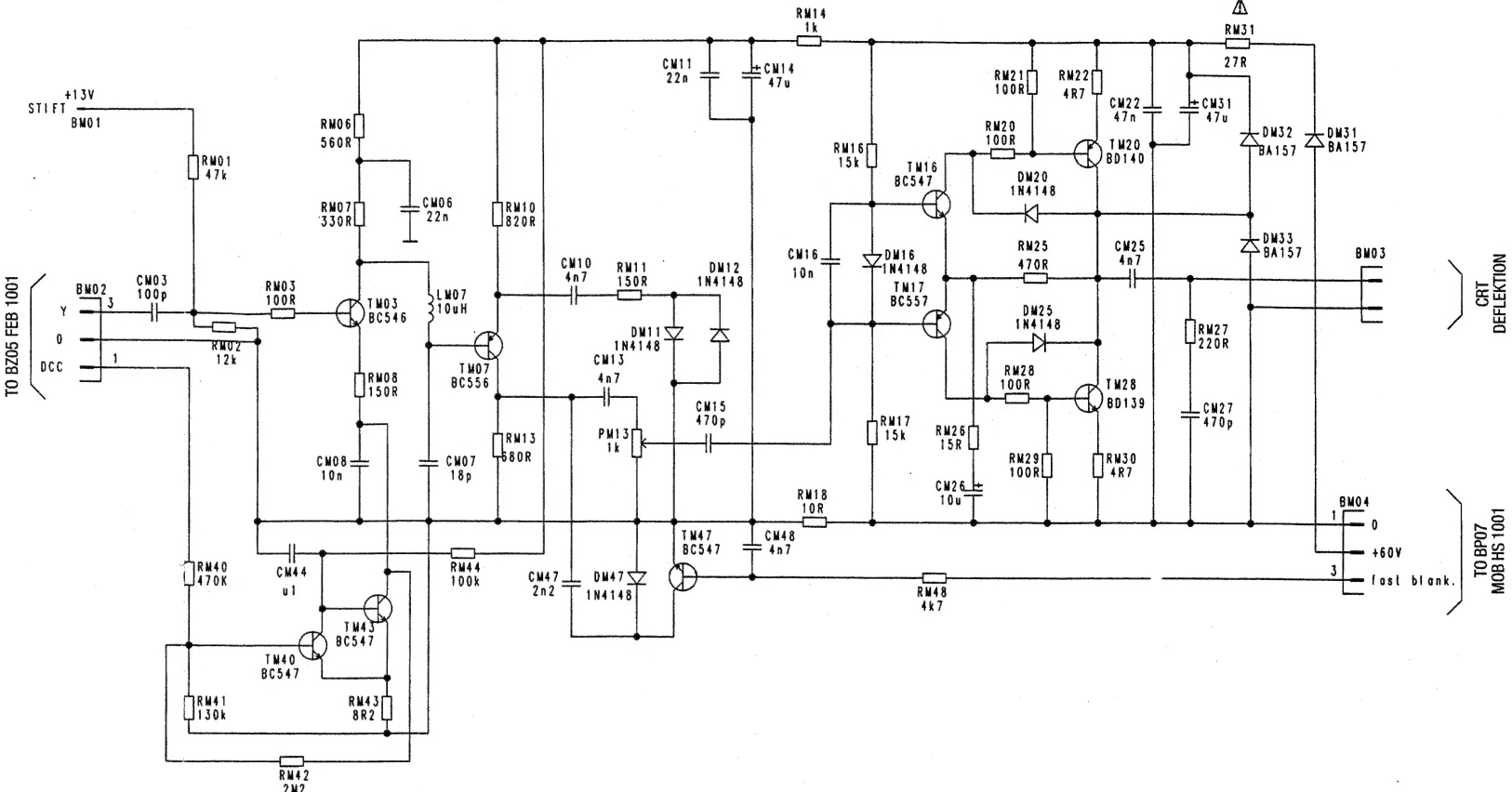
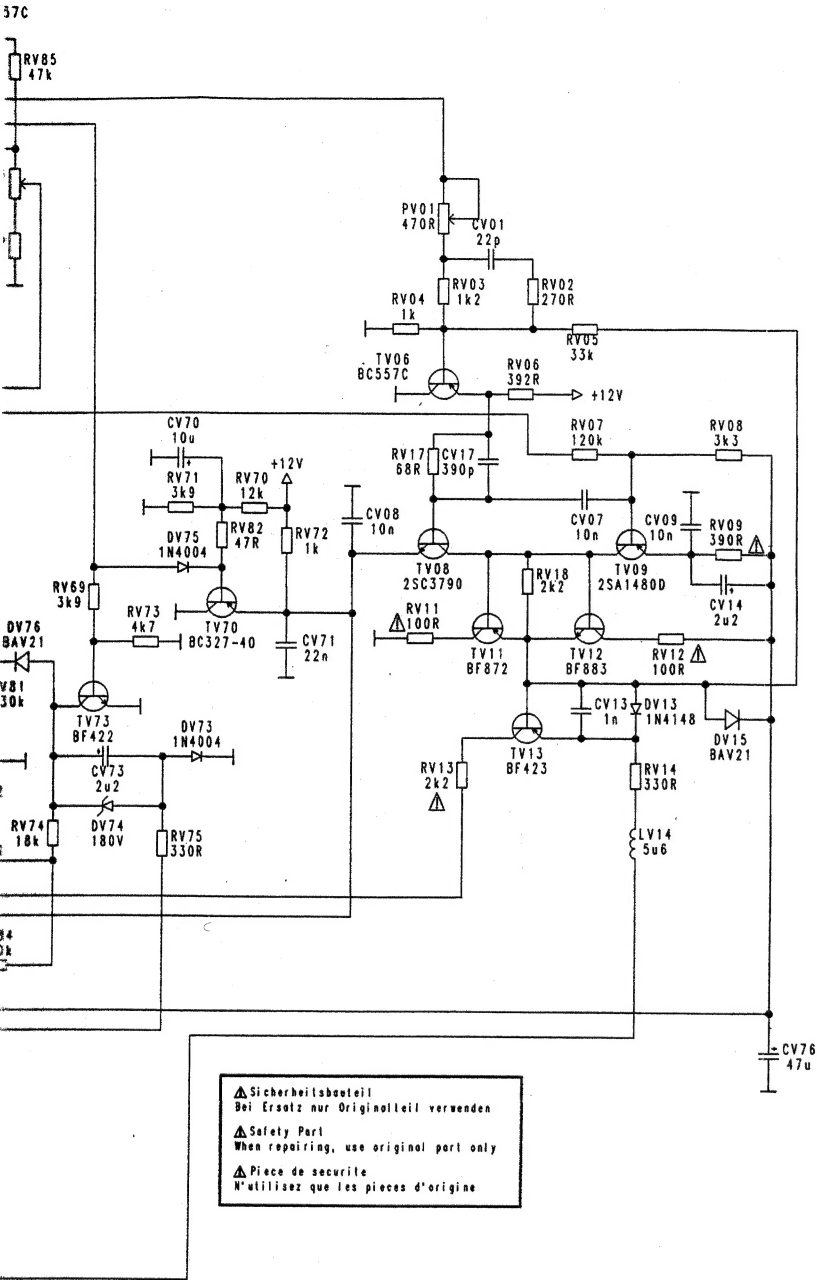
FCB HS 1000



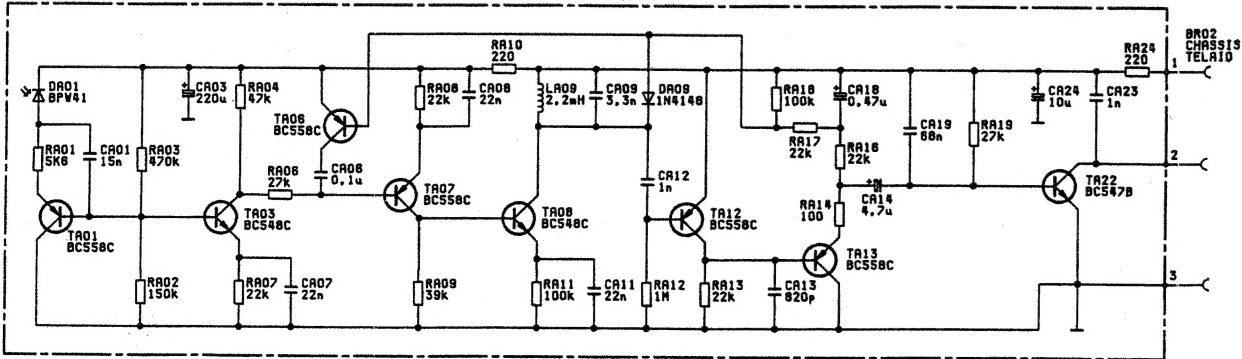


RIR 4008 M





RIR 4008 M



FB 330

